FORMER G & C SERVICES
255 EAST 138TH STREET
BRONX, NEW YORK

Final Engineering Report

NYSDEC Site Number: C203057

Prepared for:

EAST 138TH STREET, LLC
334-336 EAST 110TH STREET
NEW YORK, NEW YORK 10029

Prepared by:

IRA N. PIERCE, P.E.
3400 FT. INDEPENDENCE STREET, SUITE 4F
BRONX, NEW YORK 10463

DECEMBER 2016

CERTIFICATIONS

I, Ira Pierce, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Ira Pierce, am certifying as Owner's Designated Site Representative for the site.

12-28-2016

NYS Professional Engineer # 42745 Date Signature

FORMER G & C SERVICES

255 EAST 138TH STREET

BRONX COUNTY

BRONX, NEW YORK

FINAL ENGINEERING REPORT

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LIST OF ACRONYMS

BCA	Brownfield Cleanup Agreement
CAMP	Community Air Monitoring Plan
CQAP	Construction Quality Assurance Plan
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EC	Engineering Control
ELAP	Environmental Laboratory Approval Program
EPH	Extractable Petroleum Hydrocarbons
ESD	Explanation of Significant Difference
EWP	Excavation Work Plan
FER	Final Engineering Report
GWQS	Groundwater Quality Standards
HASP	Health and Safety Plan
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOHMH	New York State Department of Health and Mental Hygiene
NYCRR	New York Codes, Rules and Regulations
ORC®	Oxygen Release Compound
OSHA	Occupational Safety and Health Administration
PE	Professional Engineer
PID	Photoionization Detector
PRR	Periodic Review Report
QEP	Qualified Environmental Professional
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAP	Remedial Action Plan
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RP	Remedial Party
SEQRA	State Environmental Quality Review Act
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SI	Site Investigation
SMP	Soil Management Plan
SOP	Standard Operating Procedures
SWPP	Storm-Water Prevention Plan
SVOC	Semi-volatile Organic Compound
TAL/TCL	Target Analyte List/Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

VOC	Volatile Organic Compound

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

East 138th Street LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in May 2011, to investigate and remediate a 0.46-acre property located in Bronx, New York. The majority of the property was remediated to NYSDEC Unrestricted (Track 1) and NYSDEC Restricted-Residential Use (Track 2) Soil Cleanup Objectives (SCOs). However, a small strip of land along the northern boundary and the approximately 20 foot wide area of land along the western boundary of the Site achieved a Track 4 Cleanup. The property will be used for mixed commercial and residential use.

The Site is located in the County of Bronx, New York and is identified as Block 2333 and Lot 1 on the New York City Tax Map. The Site is situated on an approximately 0.468-acre area bounded by several multi-story structures to the north, East 138th Street to the south, Third Avenue to the east, and two (2) one-story structures to the west **(**refer to **Figure 1 – Site Location Map** and **Figure 2 – Tax Map).** The boundaries of the Site are fully described in the Environmental Easement **Appendix I: Survey Map, Metes and Bounds** and the Tax Map. An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as **Appendix II**.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation (RI), the following Remedial Action Objectives (RAOs) were identified for this Site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

2.2 DESCRIPTION OF SELECTED REMEDY

The Site was remediated in accordance with the remedy selected by the Applicant and approved by the NYSDEC in the Decision Document, dated October 2013, the Explanation of Significant Difference, dated September 2015, and the Explanation of Significant Difference, dated September 2016.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Excavation and off-Site removal of soil/fill exceeding NYSDEC Track 2 SCOs where feasible across majority of the Site, which was accomplished except for a small strip of land along the northern boundary and the approximately 20 foot wide area of land along the western boundary of the Site (**Appendix I - Easement Survey Map)**. Soils within the northern strip of land remain at grade level could not be excavated and soils along the western boundary were excavated to varying depths between zero (0) and 15 feet below grade surface (bgs) for the ramp but further excavation was not possible without compromising adjacent foundations. Therefore, these areas that were not excavated completely to 15 feet bgs needed to be capped by a cover system and achieved a Track 4 cleanup **(Figure 3).** However, the approximately 60 by 75 foot area of land in the southeast corner of the Site achieved the highest level Track 1 SCOs (**Figure 3**). The SCOs are listed in 6 New York Codes, Rules and Regulations (NYCRR) Table 376-6.8(a) Unrestricted Use SCOs and Table 375-6.8(b) Restricted-Residential Use SCOs;

2. Construction and maintenance of a vapor barrier system consisting of the installation of the Preprufe 300R waterproofing/vapor barrier membrane, manufactured by Grace, across the Track 2 and Track 4 remedial areas of the Site as a remedial element to address the soil vapor intrusion pathway, in lieu

of an evaluation of soil vapor intrusion. Additionally, the waterproofing/vapor barrier membrane was implemented across the Track 1 portion of the Site as part of development, even though no engineering controls are required by NYSDEC and NYSDOH in this area of the Site;

3. Construction and maintenance of a construction cover system consisting of the engineered cover system described below covering the Track 4 Remedial Area **(Figure 3)**. Since the Track 4 Remedial Area could not be safely excavated or removed without jeopardizing the structural integrity of the adjacent building foundations, an engineered composite cover system was implemented to prevent human exposure to the residual contaminated soils. The Track 4 Remedial Area cover system consists of at a minimum, a four (4) to six (6)-inch concrete foundation slab and an approximate one (1) to two (2)-foot layer of RCA and/or virgin quarry stone. A second engineering control serves the Track 4 and 2 Areas of the Site, the vapor barrier membrane, which was discussed in the section above. No engineering controls are required by NYSDEC and NYSDOH in the Track 1 Area to address residual soil contamination.

4. Since excavation extended below the groundwater table, extensive dewatering was conducted. A New York City Department of Environmental Protection (NYCDEP) Discharge Permit was obtained and a groundwater treatment system was installed on the site, thus treating the dewatering liquids prior to off-Site disposal into the NYC sewer system. Following the completion of dewatering and excavation to the final depth, Oxygen Releasing Compound (ORC) Advanced® Pellets were applied in the open excavation within the western portion of the Site to enhance natural attenuation and expedite the degradation of any remaining volatile and semi-volatile organic compounds which may be present in the groundwater;

5. The approximately 20 feet wide area of soil along the western boundary was excavated between zero (0) and 6 feet bgs and was removed off-Site. Underpinning was installed to protect the adjacent building and to develop the

cellar parking ramp. In-situ chemical injections were performed between the depth interval of six (6) to 15 feet bgs to address and remediate the "source material" remaining on this portion of the Site, which was previously identified during the Remedial Investigation (RI);

6. As part of the remedial action for the Site, permanent and temporary off-Site and on-Site monitoring wells were installed and sampled. A temporary off-Site monitoring well was installed down-gradient of the Site and sampled prior to the commencement of construction. A temporary on-Site monitoring well was installed in the western Track 4 Area (ramp area) and a permanent off-Site monitoring well was installed down-gradient of the Site and both wells were sampled prior to commencement of the in-situ chemical injection event. Following the completion of the chemical injections, the permanent off-Site monitoring well was sampled. The groundwater sampling results indicated a significant decreasing trend. Additionally, after the completion of the remediation, a permanent on-Site monitoring well was installed in the western Track 4 Area (ramp area) of the Site. Monitoring of natural attenuation from the permanent on-Site and off-Site wells will continue quarterly for at least two (2) years, as determined by the NYSDEC with consultation with NYSDOH, until residual groundwater concentrations are found to exhibit a decreasing trend or have become asymptotic at an acceptable level;

7. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.

8. Development and implementation of a Site Management Plan (SMP) for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;

9. The property may be used for: unrestricted-residential, restricted-residential, commercial or industrial use in the Track 1 Remedial Area, restricted residential, commercial or industrial use in the Track 2 Remedial Area, and Track 4 Remedial Area;
10. All Engineering Controls (ECs) must be operated and maintained as specified in the SMP;
11. All ECs must be inspected at a frequency and in a manner defined in the SMP;
12. The use of groundwater underlying the Site is prohibited without necessary water quality treatment as determined by the New York State Department of Health and Mental Hygiene (NYSDOHMH) and the New York State Department of Health (NYSDOH) to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
13. Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
14. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
15. All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
16. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
17. Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
18. Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the

property owner to assure compliance with the restrictions identified by the Environmental Easement;

19. Vegetable gardens and farming on the Site are prohibited; and
20. Periodic certification of the institutional and engineering controls listed above is required in the Environmental Easement and SMP.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this Site was performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for the Former G & C Services Site, dated October 2013; the Department's Decision Document, dated October 2013; the September 2015 Explanation of Significant Differences document, which revised the remedy to include the northern strip of land as a Track 4 remedy; and the September 2016 Explanation of Significant Differences document, which revised the remedy to include the western 20' strip of land as a Track 4 remedy and a Track 1 remedy in the southeast corner of the Site. All deviations from the RAWP are noted below.

4.1 GOVERNING DOCUMENTS

Key highlights of all governing documents are introduced and discussed below. Greater detail is provided later in the body of this document.

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA) and the Community Air Monitoring Plan (CAMP).

The HASP was complied with for all remedial and invasive work performed at the Site. The HASP is provided as **Appendix III.**

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included in the NYSDEC-approved RAWP and describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control (QA/QC) activities designed to achieve the project data quality objectives. The QAPP is provided as **Appendix IV.**

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan(s) (CQAPs) managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

The CQAP included:

- Responsibilities and authorities of the organizations and key personnel involved in the design and construction of the remedy.
- Qualifications of the quality assurance personnel that demonstrate that they possess the proper training and experience necessary to fulfill project-specific responsibilities.
- The observations and tests that were used to monitor construction and the frequency of performance of such activities.
- The sampling activities, sample size, sample locations, frequency of testing, acceptance and rejection criteria, and plans for implementing corrective measures as addressed in the plans and specifications.
- Requirements for project coordination meetings between the Applicant and its representatives, the Construction Manager, the Excavation Contractor, remedial or environmental subcontractors, and other involved parties.
- Description of the reporting requirements for QA activities including such items as daily summary reports, schedule of data submissions, inspection data sheets, problem identification and corrective measures reports, evaluation reports, acceptance reports, and final documentation.
- Description of the final documentation retention provisions.

4.1.4 Soil/Materials Management Plan (S/MMP)

The S/MMP is described as follows:

4.1.4.1 Soil Screening Methods

Visual, olfactory, and photoionization detector (PID) soil screening and assessment was performed daily during soil excavation activities under the direction of the Professional Engineer (PE)/Qualified Environmental Professional (QEP). Soil screening was performed during ground-intrusive work performed during the remedy and development phases of the remedial action.

4.1.4.2 Stockpile Methods

Contaminated historic fill and soil from 0 to 15 feet below grade surface (bgs) in all suspected areas of contamination (e.g., hot spots, underground Storage Tanks (USTs), drains, etc.) was excavated from the majority of the Site and was directly loaded into tri-axel dump trucks for off-Site disposal. Stockpiles were used only when necessary and were removed as soon as practicable. While stockpiles were in place, they were inspected daily and before and after every storm event. All soils removed and disposed off-Site were classified as Non-Hazardous Petroleum-Impacted Soil.

All stockpile activities were compliant with applicable laws and regulations. Soil stockpile areas were appropriately graded to control run-off in accordance with applicable laws and regulations.

4.1.4.3 Characterization of Excavated Materials

Soil/fill and other excavated media that was removed off-Site for disposal was sampled in a manner required by the receiving facility and in compliance with applicable laws and regulations. Further discussion of the waste characterization sampling procedures that were performed are outlined in Section 4.3.1.1 – Disposal Details.

4.1.4.4 Materials Excavation, Load-out, and Departure

The PE performed the following:

- Oversaw remedial work and the excavation and load-out of excavated material;

- Ensured that there was a party responsible for the safe execution of invasive and other work performed during the remedial action;
- Ensured that Site development activities and development-related grading cuts did not interfere with, or otherwise impair or compromise, the remedial activities proposed in the NYSDEC-approved RAWP;
- Ensured that the presence of utilities and easements on the Site were investigated and that any identified risks from work proposed under the NYSDEC-approved RAWP were properly addressed by appropriate parties;
- Ensured that all loaded outbound trucks were inspected and cleaned, if necessary, before leaving the Site; and,
- Ensured that all egress points for truck and equipment transport from the Site were kept clean of Site-derived materials during Site remediation.
- Locations where vehicles exited the Site were inspected daily for evidence of soil tracking off the premises. Cleaning of the adjacent streets was performed as needed to maintain a clean condition with respect to Site-derived materials.

4.1.4.5 Off-Site Materials Transport

Loaded vehicles leaving the Site complied with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations, including use of licensed haulers in accordance with 6 NYCRR Part 364. If loads contained wet material capable of causing leakage from trucks, truck liners were used. Queuing of trucks was performed on Site, when possible, in order to minimize off Site disturbance. Off-Site queuing was minimized.

Truck routing tool into account the following factors: (a) limiting transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and, (f) overall safety in transport. To the extent possible, all trucks loaded with Site materials traveled from the Site using these truck routes. Trucks did not stop or idle in the neighborhood after leaving the project Site.

4.1.4.6 Fluids Management

All liquids removed from the Site, including dewatering fluids, were handled, transported, and disposed in accordance with applicable laws and regulations. Liquids discharged into the New York City sewer system received prior approval by the NYCDEP. The NYCDEP regulates discharges to the New York City sewers under Title 15, Rules of the City of New York, Chapter 19. Sampling data, demonstrating that the groundwater met the City's discharge criteria, was provided to the NYCDEP and authorization was granted to discharge the dewatering fluids into the New York City sewer. The dewatering fluids were pretreated as necessary to meet the NYCDEP discharge criteria. The S/MMP in the NYSDEC-approved RAWP is provided in **Appendix V.** Agency approvals are provided in **Appendix VI.**

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

Applicable laws and regulations pertaining to storm-water pollution prevention were addressed during the remedial program. Erosion and sediment control measures identified in the NYSDEC-approved RAWP were installed around the entire perimeter of the remedial construction area and inspected once a week and after every storm event to ensure that they were operating appropriately. Discharge locations were inspected to determine whether erosion control measures were effective in preventing significant impacts to receptors. Results of inspections were recorded in a logbook maintained at the Site. All necessary repairs were made immediately.

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the Site-specific SWPPP.

4.1.6 Community Air Monitoring Plan (CAMP)

Real-time air monitoring for volatile organic compounds (VOCs) and particulate matter (i.e. dust) was performed during the remedial action. Continuous monitoring was performed during ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, Site-wide contaminated soil excavation and handling, test pit excavation or trenching,

and the installation of soil borings or monitoring wells. CAMP equipment included PIDs for monitoring of VOCs and DustTrak II Aerosol Monitors for monitoring of particulate matter (i.e. dust). Monitoring was performed in compliance with the CAMP in the NYSDEC-approved RAWP, provided in **Appendix VII.**

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

A certification of mailing was sent by the Volunteer to the NYSDEC Project Manager following the distribution of all Fact Sheets and notices that included: (1) certification that the Fact Sheets were mailed; (2) the date they were mailed; (3) a copy of the Fact Sheet; (4) a list of recipients (contact list); and, (5) a statement that the repository was inspected and that it contained all the applicable project documents.

No changes were made to the approved Fact Sheets authorized for release by the NYSDEC without written consent of the NYSDEC. No other information, such as brochures and flyers, were included with the Fact Sheet mailing.

A document repository has been established at the following location and contains all applicable project documents:

New York City Public Library
Mott Haven Library
321 East 140th Street
Bronx, NY 10454
718-665-4878
Hours of Operations: 10:00 AM to 6:00 PM, closed Sundays

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

The following are the principal personnel who participated in the management, oversight, and completion of this project:

Remedial Engineer

Ira N. Pierce, P.E. - Was responsible for data review, evaluation, oversight, and final sign-off, where applicable.

Contact Info:

3400 Ft. Independence Street, Suite 4F

Bronx, NY 10463

212-760-2922

Brinkerhoff Environmental Services, Inc.

1805 Atlantic Avenue, Manasquan, New Jersey 08736

Office: 732-223-2225

Personnel:

Principal/Project Coordinator: John Checchio - Was responsible for the overall coordination and management of the project.

Project Manager: Sean Harrison - Was responsible for day-to-day coordination, scheduling, data review, and evaluation and was the principal contact for matters relating to the environmental assessment and remediation.

Geologists: Monica Norton, Jon Kraus, and Rachael Barr - Were responsible for day-to-day field monitoring activities, including soil excavation and load out, dust monitoring, and PID monitoring. Post-remedial sampling activities and report preparation were the function of a Geologist from Brinkerhoff.

Quality Assurance Officer: Gary DiMartinis - Was responsible for quality assurance of sampling procedures, laboratory data, and reporting.

Subcontractors

Laboratory:

Accredited Analytical Resources, LLC

20 Pershing Avenue, Carteret, New Jersey 07008

Office: 732-969-6112

NYSDOH Environmental Laboratory Approval Program (ELAP) Certification No. 11109

Data Validator:

KR Applin & Associates

8806 Route 256, Dansville, New York 14437

Office: 585-335-5998

Driller:

AARCO Environmental Services Corp.

50 Gear Avenue, Lindenhurst, New York 11757

Office: 631-586-5900

Remedial Excavation Contractor:

FXR Construction, Inc.

Contact: Dennis Vita

99 Jefferson Ave, Bay Shore, New York 11706

Office: 631-242-3124

Cell: 516-503-4149

Chemical Injection Subcontractor:

Environmental Remediation and Financial Services, LLC

Contact: Christine Jurczak Little

999 Airport Road, Unit 4

Lakewood, NJ 08701

Office: 732-370-6640 ext. 106

Remedial Party Contact:

Roger Pine, East 138th Street LLC

334-336 East 110th Street, New York, New York 10029

Office: 212-996-6640

4.2.2 Site Preparation

4.2.2.1 Mobilization

Mobilization was conducted as necessary for each phase of work at the Site. Mobilization included field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations, and utility markouts. Each field team member attended an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

4.2.2.2 Stabilized Construction Entrance(s)

Steps were taken to ensure that trucks departing the Site did not track soil, fill, or debris off the Site. Such actions included the use of cleaned asphalt or concrete roads or use of stone or other aggregate-based egress paths between the truck inspection station and the property exit. Measures were taken to ensure that adjacent roadways were kept clean of project related soils, fill, and debris.

4.2.2.3 Utility Marker and Easements Layout

The presence of utilities and easements on the Site were fully investigated prior to the performance of invasive work, such as excavation or drilling, under this plan by using, at a minimum, the One-Call System (811). Underground utilities pose an electrocution, explosion, or other hazard during excavation or drilling activities. All invasive activities were performed in compliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities were contacted to locate and mark the locations, and a copy of the Markout Ticket were retained by the Contractor prior to the start of drilling, excavation, or other invasive subsurface operations. Overhead utilities were also present within the anticipated work zones. Electrical hazards associated with

drilling in the vicinity of overhead utilities were prevented by maintaining a safe distance between overhead power lines and drill rig masts.

Proper safety and protective measures pertaining to utilities and easements and compliance with all laws and regulations were employed during invasive and other work completed during the remedial action. The integrity and safety of on-Site and off-Site structures were maintained during all invasive excavation or other remedial activities performed during the remedial action.

The Applicant and its contractors were solely responsible for the identification of utilities that might be affected by work under the NYSDEC-approved RAWP and implementation of all required, appropriate, or necessary health and safety measures during performance of the remedial actions. The Applicant and its contractors were solely responsible for safe execution of all invasive and other work performed during the remedial actions. The Applicant and its contractors obtained all local, State or Federal permits and approvals pertinent to such work that was required to perform the remedial actions.

4.2.2.4 Support of Excavation

Appropriate management of structural stability of on-Site or off-Site structures during on-Site activities, including shoring to support the excavation, was the sole responsibility of the Applicant and its contractors. Since the adjacent foundations of buildings were structurally unsound, underpinning was required for all adjacent structures and special foundational elements were required over the MTA Tunnel to protect the adjacent subway. Due to the line of influence to the underground MTA Tunnel for the 6 Train, running alongside the Site on East 138th Street, the applicant and it Contractors were not permitted to drive piles. The methodology utilized was drilling the piles, and added challenge and a significant cost to a complicated site. In addition, the poor soil and rock conditions forced the piles to be drilled at twice the depth, essentially doubling the projected cost of the piles.

The Applicant and its contractors were solely responsible for safe execution of all invasive and other work performed during the remedial action. The Applicant and its

contractors obtained all local, State or Federal permits or approvals that were required to perform the remedial actions. Further, the Applicant and its contractors were solely responsible for the implementation of all required, appropriate, or necessary health and safety measures during performance of work during the remedial actions.

A small strip of land along the northern boundary of the Site was not able to be safely excavated without jeopardizing the structural integrity of the adjacent building's foundation. Thus, this area remains at grade level. Additionally, a 20 foot strip of land along the western boundary of the Site (ramp area for the below-grade parking structure) could not be safely excavated to 15 feet due to the same reasons mentioned above. Instead, the depth of excavation varied between zero (0) and 15 feet bgs along the western boundary for the development of the access ramp to the below-grade parking structure. Additionally, structural components (i.e. underpinning, pile caps, etc.) were installed throughout the western boundary since the remaining soils needed to remain in place to not further damage the adjacent foundation.

Prior to the start of remediation, structural grout was horizontally and vertically injected along the northern boundary of the site to stabilize the adjacent building's foundations. Additional support of excavation activities occurred along the northern boundary of the site and consisted of the installation of wood lagging, soldier piles, walers, and rakers.

4.2.2.5 Equipment and Material Staging

Equipment and materials were stored and staged in a manner that complied with applicable laws and regulations. The location of equipment and material staging areas, truck inspection station, stockpile areas, and other pertinent remedial management features were in the center of the property, with access from East 138th Street.

4.2.2.6 Demobilization

Demobilization included:

- As necessary, restoration of temporary access areas and areas that may have been disturbed to accommodate support areas (e.g., staging areas, decontamination areas, storage areas, temporary water management areas, and access area);
- Removal of sediment from erosion control measures and truck wash and disposal of materials in accordance with applicable laws and regulations;
- Equipment decontamination; and,
- General refuse disposal.

Equipment was decontaminated and demobilized at the completion of all field activities. Investigation equipment and large equipment (e.g., soil excavators) were washed at the truck inspection station as necessary. In addition, all investigation and remediation derived waste were appropriately disposed.

A pre-construction meeting was held with NYSDEC and all contractors on June 9, 2015. All New York State Environmental Quality Review Act (SEQRA) and New York City Environmental Quality Review (CEQR) requirements and all substantive compliance requirements for attainment of applicable permits were achieved during this Remedial Action. A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the Remedial Action.

4.2.3 General Site Controls

Truck Inspection

Before leaving the Site, exiting vehicles and equipment (e.g., excavators) were inspected. If necessary, the wheels and undercarriages of vehicles and equipment were sprayed with clean water on the truck wash decontamination pad prior to exiting the Site (see **Appendix VIII – Photograph Log).** Additionally, truck beds and truck covers were inspected and if necessary, were cleaned via shovels and brooms to remove residual soils lying on the bed and/or cover prior to exiting the Site.

Site Security

The Site was secured by fencing and manned security at the entrance gate along East 138th Street.

4.2.4 Nuisance controls

Odor Control

The odor controls that were followed during the performance of the remedial action are outlined in the S/MMP in the NYSDEC-approved RAWP and are summarized below.

When odors were identified during excavation of the non-hazardous petroleum-impacted soils, work was halted until the source of the odors was identified and addressed. Work did not resume until all nuisance odors were abated; however, no complaints were received during the entire duration of the remedial action. Implementation of all odor controls, including the halt of work, was the responsibility of the Applicant's Remediation Engineer, who is responsible for certifying this FER.

All necessary means were employed to prevent on- and off-Site odor nuisances. When the contractor excavated soil in the western portions of the Site, some petroleum-like odors were observed; however, the contractor continuously implemented odor suppression controls during soil excavation and removal activities. BioSolve® Pinkwater Vapor Suppressant was continuously applied to the exposed odorous soils during excavation and removal activities via a LANDA 3500 PSI Power Washer and a Clean Force 1800 PSI Power Washer. Photographs of the contractor implementing odor suppression controls throughout the remedial action are provided in **Appendix VIII.** Other odor controls were implemented throughout the remedial action and consisted of limiting the areas of open excavation and covering the exposed odorous soils with polyethylene sheeting at the end of each workday and/or covering areas where excavation activities were not occurring.

Additionally, off-Site monitoring for odor nuisances was performed daily during the remedial action. A PID and olfactory evidence were used to identify if odors were

observed off-Site. No odor nuisances were observed off-Site during the entire remedial action and no nuisance complaints were received.

Dust Control Plan

Dust suppression methods were continuously implemented throughout the remedial action during ground-intrusive activities; however, no nuisance complaints related to dust were received for this Site. Dust suppression methods that were implemented by the contractor during ground-intrusive work consisted of the use of water spray to the excavation areas and Site entrance area, limiting the on-Site vehicle speeds, and limiting the area of accessible truck traffic. Additionally, the contractor imported 2½ to five (5) inch quarry stone from Hamburg Quarry, Hamburg, New Jersey and used the quarry stone to construct the Site entrance ramp and truck wash decontamination pad. Photographs of the contractor implementing dust suppression controls throughout the remedial action are provided in **Appendix VIII.**

Other Nuisances

A plan for rodent control was utilized by the contractor prior to and during Site clearing and Site grubbing, and during all remedial work. No complaints were received.

4.2.5 CAMP Results

Real-time air monitoring for VOCs and particulate levels at the work area was performed during ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities included, but were not limited to, contaminated soil excavation and handling, test pit excavation and/or trenching, and the installation of soil borings or monitoring wells.

Exceedances of action levels observed during performance of the CAMP were reported to the NYSDEC Project Manager and were included in the respective daily field report. Overall, there were no VOC exceedances, however, instances of 15-minute average PM-10 (particulate matter size 10) exceedances occurred on August 27, 2015, September 8, 2015, November 12, 2015, August 3, 2016, August 4, 2016, September 7, 2016 and October 4, 2016. The 15-minute PM-10 exceedances are summarized below.

From 10:05 to 10:08, 11:26 to 11:30, and 12:07 to 12:22 on August 27, 2015, 15-minute average PM-10 exceedances occurred in the upwind location. The 15-minute average PM-10 background concentration was 0.020 mg/m³ and the max 15-minute average concentration was 0.332 mg/m³; however, no fugitive dust was observed during this time period. The contractor stopped work for the day at 14:48.

From 11:36 to 11:40 on September 8, 2015, 15-minute average PM-10 exceedances in the upwind direction. The 15-minute average background concentration was 0.044 mg/m³ and the max 15-minute average concentration was 0.251 mg/m³. Visible dust was generated from the excavation activities, however, no fugitive dust was observed leaving the Site. The contractor applied water to the excavation area and suppressed the dust. After the contractor implemented dust suppression methods, no additional 15-minute average PM-10 exceedances were observed for the remainder of the day.

From 14:03 to 14:10 on November 12, 2015, 15-minute average PM-10 exceedances occurred in the downwind location. The 15-minute PM-10 background concentration was 0.020 mg/m³ and the max 15-minute average PM-10 concentration was 0.277 mg/m³; however, no fugitive dust was observed during this time period. The contractor stopped work for the day at 14:10.

From 08:56 to 15:10 on August 3, 2016, 15-minute average PM-10 exceedances occurred in the downwind location. The 15-minute PM-10 background concentration was 0.026 mg/m³ and the max 15-minute average concentration was 1.123 mg/m³; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction.

From 08:39 to 15:30 on August 4, 2016, 15-minute average PM-10 exceedances occurred in the downwind location. The 15-minute PM-10 background concentration was 0.114 mg/m³ and the max 15-minute average concentration was 1.163 mg/m³; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. The Dust Trak II Aerosol Monitor was sent to the equipment manufacturer for repair.

From 10:09 to 10:23 on September 7, 2016, 15-minute average PM-10 exceedances occurred in the upwind location. The 15-minute PM-10 background concentration was 0.082 mg/m³ and the max 15-minute average concentration was 0.266 mg/m³; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day.

From 08:56 to 09:12 on October 4, 2016, 15-minute average PM-10 exceedances occurred in the downwind location. The 15-minute PM-10 background concentration was 0.026 mg/m³ and the max 15-minute average concentration was 0.398 mg/m³; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day.

Copies of all field data sheets relating to the CAMP are provided in electronic format as **Appendix IX.**

4.2.6 Reporting

Reports were submitted daily to the NYSDEC Project Manager while remedial activity was ongoing. The daily reports included the description of daily activities keyed to an alpha-numeric map for the Site that identified the work-grid areas. These reports included a summary of the CAMP results, odor and dust problems and corrective actions, and all complaints received from the public. All daily reports are included in electronic format as **Appendix X.** The digital photo log required by the NYSDEC-approved RAWP is provided as **Appendix VIII.**

4.3 CONTAMINATED MATERIAL REMOVAL & REMEDATION

NYSDEC Track 2 SCOs were proposed and achieved in a major portion of the Site except for a small strip of land along the northern boundary and the approximate 20 foot wide area of land along the western boundary of the Site in which Track 4 Restricted-Residential Cleanup Levels could only be achieved with a cover system (**Figure 3**). Additionally, NYSDEC Track 1 SCOs were achieved in the approximately 60 by 75 foot area in the southeast corner of the Site. During the remedial action between

August 20, 2015 and December 2, 2016, approximately 21,000 tons of non-hazardous petroleum-contaminated soil was removed off-Site to Clean Earth of Carteret Facility in Carteret, New Jersey. The non-hazardous petroleum-contaminated soil was loaded into tri-axel dump trucks for off-Site disposal. The tri-axel dump trucks were operated by licensed 6 NYCRR Part 364 Permit haulers and the trucks were properly lined, tarped and securely covered. Each day of soil removal, the tri-axel dump trucks were inspected and if necessary, were cleaned on-Site on the truck wash decontamination pad via water spray, brooms, and/or shovels prior to exiting the Site. The soil excavation locations are depicted on **Figure 4.**

4.3.1 Non-Hazardous Petroleum-Contaminated Soil

The entire Site was excavated to 15 feet below grade surface except for a small portion of land along the northern boundary which remains at grade and the approximately 20 foot wide ramp area along the western boundary of the Site which was excavated between zero (0) and 15 feet bgs. Soil was not excavated or removed at all or only partially in these areas due to the inability to remove such soils without jeopardizing the structural integrity of the adjacent building foundations. Underpinning and foundation support walls were required to preserve the adjacent structures. All soil that was removed from the Site was classified as non-hazardous petroleum-contaminated soil. Following completion of the remedial excavation, ORC® Advanced Pellets were applied in the 70 by 75 foot area to the east of the Track 4 ramp area of the open excavation to further enhance the remediation of residual groundwater contamination. The soil excavation locations are depicted on **Figure 4**.

4.3.1.1 Disposal Details

From August 20, 2015 to December 2, 2016**,** approximately 21,000 tons of non-hazardous petroleum-contaminated soil was removed from the Site. Prior to off-Site disposal, 10 waste characterization samples were collected. Six (6) test pits were advanced across the Site. In total, six (6) composite samples were collected. One (1) composite sample was collected from each test pit within the urban historic fill layer and were analyzed for Target Analyte List/Target Compound List (TAL/TCL) compounds, Extractable Petroleum Hydrocarbons (EPH), paint filter, and Toxicity Characteristic

Leaching Procedure (TCLP) Metals. Two (2) of the six (6) composite samples were collected from the urban historic fill layer and were analyzed for Resource Conservation and Recovery Act (RCRA) Characteristics. Two (2) additional composite samples were collected from the native layer beneath the urban historic fill layer and were analyzed for TAL/TCL and EPH. The Waste Characterization Sample Collection Summary Table is provided as **Table 1** and the Waste Characterization Sample Results Summary Table is provided as **Table 2**. The Waste Characterization Test Pit Sample Location Map is provided as **Figure 5**. The waste characterization soil analytical data package is provided as **Appendix XI**.

Following the collection of waste characterization samples, the waste characterization data was sent to the Clean Earth of Carteret Facility in Carteret, New Jersey (Clean Earth). Letters to Clean Earth and the acceptance letter from Clean Earth are attached in **Appendix XII.** All soil manifests and scale tickets are provided in **Appendix XIII.** A waste disposal tracking log summary is provided as **Table 3.**

4.3.2 Underground Storage Tanks (USTs)

Between August 21, 2015 and September 28, 2015, eight (8) USTs, identified as UST-12 through UST-19, were encountered during soil excavation activities across the central, western, and northern portions of the Site between four (4) and seven (7) feet bgs.

On August 21, 2015, two (2) 550-gallon USTs identified as UST-12 and UST-13 were encountered during soil excavation activities in the central portion of the Site. Both UST-12 and UST-13 were encountered at approximately four (4) to five (5) feet below grade surface (bgs). Fill port holes were identified on the top of each UST and water was identified within each UST. No evidence of cracks or holes were identified within each UST. The soil within the vicinity of UST-12 and UST-13 was screened and no evidence of a leak or discharge were identified based on olfactory, visual and photoionization detector (PID) screening methods.

On August 27, 2015, Mercury Tank & Pump Services, Inc. pumped out the liquid contents from both UST-12 and UST-13 and the liquids were properly disposed off-Site to Lorco Petroleum Services in Elizabeth, New Jersey. Following the cleaning and

removal of each UST, Brinkerhoff collected two (2) soil samples from the base depth of UST-12 and UST-13 at approximately five (5) feet bgs. The samples were submitted to Accredited Analytical Resources, LLC of Carteret, New Jersey (a NYSDOH ELAP-certified laboratory) for SVOC and VOC analysis. Several semi-volatile organic compounds (SVOCs) were detected in soil samples UST-12 and UST-13 at concentrations exceeding the NYSDEC Track 1 SCOs, NYSDEC Track 2 SCOs, and the New York Protection of Groundwater (NYPGW) Standards; therefore, the soil beneath the USTs from approximately five (5) to 15 feet bgs was removed off-Site to the Clean Earth of Carteret Facility as part of the remedial action for the Site.

On August 31, 2015, two (2) additional USTs, identified as UST-14 (250 gallons) and UST-15 (550 gallons), were encountered during soil excavation activities in the western portion of the Site. UST-14 and UST-15 were both encountered at approximately five (5) to six (6) feet bgs.

Approximately 30 inches of product and water were observed in UST-14. Brinkerhoff screened the soil within the vicinity of UST-14 and slight petroleum-like odors and elevated PID readings up to 5 parts per million (ppm) above background concentrations were observed within the vicinity of UST-14. Approximately 48 inches of product and water were identified in UST-15. Stained soil, petroleum-like odors, and elevated PID readings up to 270 ppm were observed within the vicinity of the UST-15.

Mercury Tank & Pump Services, Inc. pumped out the liquid contents from UST-14 and UST-15 and the liquids were properly disposed off-Site to Lorco Petroleum Services in Elizabeth, New Jersey. Following the removal of the liquid contents, the tanks were placed onto and covered with polyethylene sheeting until they were cleaned and removed off-Site by Mercy Tank Cleaners on September 2nd, 2015.

Following the removal of UST-14 and UST-15, Brinkerhoff collected two (2) soil samples from the base depth of UST-14 and UST-15 at approximately five (5) to six (6) feet bgs. The samples were submitted to Accredited Analytical Resources, LLC of Carteret, New Jersey (a NYSDOH ELAP-certified laboratory) for SVOC and VOC analysis. Several SVOCs in sample UST-14 were detected at concentrations exceeding the NYSDEC Track 1 SCOs, NYSDEC Track 2 SCOs, and NYPGW Standards and

several VOCs in sample UST-15 were detected at concentrations exceeding the NYSDEC Track 1 SCOs and NYPGW Standards; therefore, the soil beneath the USTs from approximately five (5) to 15 feet bgs was removed off-Site to the Clean Earth of Carteret Facility as part of the remedial action for the Site.

On September 8, 2015, two (2) 450-gallon USTs identified as UST-16 and UST-17 were encountered during soil excavation activities along the northern boundary of the Site. UST-16 and UST-17 were encountered at approximately six (6) and seven (7) feet bgs, respectively, and fill ports were observed on the top of the USTs. Water and product were observed inside the USTs. UST-16 was located along the northwest boundary, approximately 50 feet west of UST-17. Brinkerhoff screened the soil within the vicinity of both tanks and petroleum-like odors, elevated PID readings, and stained soil were observed. Mercury Tank & Pump Services, Inc. pumped out the liquid contents from the USTs. The liquids were properly disposed off-Site to Lorco Petroleum Services in Elizabeth, New Jersey. The tanks were placed onto polyethylene sheeting and Mercuryy Tank Cleaners cleaned out the remnant contents from the tanks. No base samples were collected from beneath the tanks due to unsafe conditions (i.e. water and saturated soil).

On September 28, 2015, two (2) 250-gallon USTs, identified as UST-18 and UST-19, were encountered during soil excavation activities in the west-central portion of the Site at approximately four (4) to five (5) feet bgs. Both USTs were observed to be heavily dented. A mix of water and product was observed leaking from both USTs. Brinkerhoff screened the soil within both tanks and petroleum-like odors, elevated PID readings, and stained soil were observed. The tanks were placed onto polyethylene sheeting and Mercy Tank Cleaners cleaned out the remnant contents in the USTs. On September 28th, 2015, Brinkerhoff collected two (2) soil samples from the base depth of UST-18 and UST-19 at approximately five (5) to six (6) feet bgs. The samples were submitted to Accredited Analytical Resources, LLC of Carteret, New Jersey (a NYSDOH ELAP-certified laboratory) for SVOC and VOC analysis. Several SVOCs in soil samples UST-18 and UST-19 were detected at concentrations exceeding the NYSDEC Track 1 SCOs, NYSDEC Track 2 SCOs, and NYPGW Standards; therefore, the soil beneath the

USTs from approximately five (5) to 15 feet bgs was removed off-Site to the Clean Earth of Carteret Facility as part of the remedial action for the Site.

The UST locations are shown on **Figure 6.** The UST soil sample results summary tables are shown on **Tables 4**, **5** and **6**. The UST cleaning and disposal documentation is provided in **Appendix XIV.** Photographs of the USTs are provided in **Appendix VIII.**

4.3.3 Abandoned Hydraulic Lifts

On September 17, 2015, two (2) abandoned hydraulic lifts, identified as Lift-1 and Lift-2, were encountered during excavation activities along the western boundary of the Site. The abandoned hydraulic lifts were identified in the area of the former on-Site garage and the lifts were associated with the former garage operations. Lift-1 and Lift-2 were measured to be 80 inches by 12 inches by 12 inches and were uncovered in a vertical position between approximately one (1) and 6.5 feet bgs. The lifts were filled with hydraulic fluid and evidence of leaking were observed on both ends of each lift. Lift-1 was located 50 feet from the south boundary and 20 feet from the west boundary. Lift-2 was located five (5) feet east of Lift-1. Brinkerhoff screened the soil within the lifts and petroleum-like odors, elevated PID readings, and stained soil were observed.

On September 17, 2015, Lift-1 was placed onto polyethylene sheeting and Brinkerhoff collected one (1) soil sample from the base depth of Lift-1 at approximately five (5) to six (6) feet bgs. The sample was submitted to Accredited Analytical Resources, LLC of Carteret, New Jersey (a NYSDOH ELAP-certified laboratory) for SVOC and VOC analysis. Several SVOCs in sample Lift-1 were detected at concentrations exceeding the NYSDEC Track 1 SCOs, NYSDEC Track 2 SCOs, and NYPGW Standards; therefore, the soil surrounding and beneath Lift-1 extending to15 feet bgs was removed off-Site to the Clean Earth of Carteret Facility as part of the remedial action for the Site.

On September 28, 2015, Mercury Tank & Pump Services, Inc. emptied the hydraulic fluids from both Lifts into two (2) 55-gallon drums, cleaned the interior of the Lifts, and properly disposed the liquids off-Site to Lorco Petroleum Services in Elizabeth, New Jersey. Following the removal of Lift-2, Brinkerhoff collected one (1) soil sample

from the base depth of Lift-2 at approximately five (5) to six (6) feet bgs. The sample was submitted to Accredited Analytical Resources, LLC of Carteret, New Jersey (a NYSDOH ELAP-certified laboratory) for SVOC and VOC analysis. No SVOCs or VOCs were detected at concentrations exceeding the NYSDEC Track 1 SCOs or the NYPGW Standards.

The hydraulic lift locations are shown on **Figure 6**. The hydraulic lift soil sample results summary tables are shown on **Tables 7** and **8**. The cleaning and disposal documentation is provided in **Appendix XIV.** Photographs of the hydraulic lifts are provided in **Appendix VIII.**

4.3.4 ORC Application

Per the NYSDEC-approved RAWP, the three (3) components of the remedy to treat the groundwater at the Site consisted of excavation and off-Site removal of petroleum-impacted soils, Site-wide dewatering, and application of ORC into the subsurface soils beneath the proposed development foundation. The third component of the groundwater treatment at the Site involved the application of Oxygen Release Compound Advanced (ORC Advanced®) Pellets, manufactured by Regenesis, to the open excavation in the approximately 70 by 75 foot area to the east of the Track 4 ramp area of the Site. Approximately 330.6 pounds of ORC Advanced® Pellets were applied to the base depth of excavation in the aforementioned area between November 2015 and August 2016. The ORC Advanced® Pellets were thoroughly mixed within approximately one (1) foot of the subsurface soils. Following the application of the ORC into the subsurface soils, the foundation slab was installed in December 2016, and the dewatering system was turned off. Once the dewatering system was turned off, groundwater rebounded to its natural state (i.e. elevation) and interacted with the ORC Advanced® Pellets to accelerate the biodegradation process of the petroleum-related VOCs and SVOCs that may exist in groundwater following remediation at the Site. The application of ORC Advanced® Pellets to the open excavation area is an effective method to address long term groundwater conditions. Recent groundwater samples collected from the temporary monitoring well, TMW-2, in the Track 4 Ramp Area and from the off-site monitoring well, SMW-1, already show a significant decreasing trend in groundwater

results.

The ORC application area is outlined on **Figure 3**. The Technical Manual for the application of the ORC is provided as **Appendix XV**. Photographs of the ORC application at the Site are provided in **Appendix VIII**.

4.3.5 In-Situ Chemical Oxidation

Extensive soil excavation along the western boundary of the Site (in the Track 4 ramp area) could not be performed due to structural constraints with the adjacent building located at 243 East 138th Street. Since evidence of petroleum-impacted soil was previously identified during the RI in the Track 4 Remedial Area, NYSDEC determined that the petroleum-impacted soil in this area was part of the source for groundwater contamination at the Site and required remediation treatment since removal could not be safely accomplished. In-Situ Chemical Oxidation (ISCO) was selected to remediate the approximate 800-square foot area along the entrance ramp of the western boundary of the Site.

Prior to the start of the chemical injections, Environmental Remediation and Financial Services, LLC (ERFS) was on-Site and installed one (1) temporary monitoring well, identified as TMW-2, within the treatment area in the western portion of the Site. Brinkerhoff collected a groundwater sample from the permanent off-Site monitoring well, SMW-1, and from the temporary monitoring well, TMW-2.

From October 18 to 21, 2016, ERFS advanced a total of five (5) pressurized direct push injection points identified as TP-1 through TP-5 into the subsurface at depths ranging between nine (9) and 15 feet bgs. Additionally, a total of seven (7) gravity-feed temporary injection wells, identified as TP-6 through TP-12, were installed within the treatment area using one-inch PVC screens. Temporary monitoring well TMW-2 was converted into TP-12 following groundwater sample collection. The one-inch PVC well screens were installed at depths ranging between five (5) and 20 feet bgs. During the injection of TP-1, TP-3 and TP-9, breakthrough occurred along the sidewall of the entrance ramp approximately 12 to 15 feet from the injection point. During the injection of TP-4, breakthrough occurred along the western boundary of the adjacent building

foundation approximately 10 feet from the injection point. Once ERFS discovered each breakthrough, the injections immediately stopped and ERFS vacuumed the silty foam that surfaced. Once the breakthrough ceased and the area was sealed with grout, the captured material was re-used for additional injections.

A total of 1,263 gallons of oxidizer (hydrogen peroxide aqueous solution) and 162 gallons of catalyst (ferrous sulfate) aqueous solution were injected into the subsurface. Air and groundwater quality parameters were collected during the injections within monitoring well SMW-1. Hydrogen peroxide test strips and a U-50 Multi-parameter Water Quality Meter were used to monitor the groundwater parameters such as temperature, dissolved oxygen, pH, conductivity, and total dissolved solids. Additionally, one (1) post-injection groundwater sample, SMW-1, was collected from the off-Site permanent monitoring well SMW-1 on November 2, 2016.

The injection point locations are shown on **Figure 7**. The Chemical Injection Plan prepared by Brinkerhoff and the Spill Prevention and Control Plan prepared by ERFS are provided in **Appendix XVI**. The chemical injection monitoring logs prepared by ERFS are provided in **Appendix XVII**. Photographs of the in-situ injections are provided in **Appendix VIII**.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

To assure that remedial objectives for the Site were achieved following the completion of the remedial action, post-remedial end-point sampling was completed. Once collected, samples were transported in a cooler on ice under standard chain of custody protocol to Accredited Analytical Resources, of Carteret, New Jersey (a NYSDOH ELAP-certified lab) for analysis. The sample locations are presented on **Figures 8, 9** and **10.**

4.4.1 End-Point Sampling Frequency

Samples were collected one (1) sample per every 30 feet of sidewall and one (1) sample per every 900 square feet of base excavation. A total of 46 samples were collected across the Site. The endpoint samples EP-1 through EP-40, DUP-1, and DUP-2 were analyzed for TAL and TCL parameters. Additionally, endpoint samples EP-18 through EP-40, DUP-1, DUP-2, CR-1, CR-2, and CR-3 were analyzed for hexavalent and trivalent chromium. The Endpoint Sample Collection Summary Table is provided as **Table 9**.

4.4.2 Methodology

Soil samples were collected and placed in laboratory supplied glassware and were transported under standard chain-of-custody protocol to Accredited Analytical Resources, of Carteret, New Jersey (a NYSDOH ELAP-certified lab). Samples collected for VOC analysis were collected from encore grab sampling devices. All sampling, transportation, analysis, and QA/QC methodology was done in accordance with the QAPP from the RAWP.

4.4.3 Reporting of Results

The endpoint samples EP-1 through EP-40, DUP-1, and DUP-2 were analyzed for TAL/TCL compounds. Additionally, endpoint samples EP-18 through EP-40, DUP-1, DUP-2, CR-1, CR-2, and CR-3 were analyzed for hexavalent and trivalent chromium. All endpoint sample results were compared to the NYSDEC Track 1 SCOs, the NYSDEC Track 2 Restricted-Residential Use SCOs, and NYPGW Standards. The Endpoint Soil Sample Collection Summary is provided as **Table 8** and the Endpoint Soil Sample Results Summary for all endpoint samples are provided as **Tables 10** through **34**.

Base endpoint samples EP-2 through EP-8, EP-9b, EP-12, EP-14, EP-17, EP-19, EP-27, CR-1, CR-2, and CR-3 detected no compounds exceeding the NYSDEC Track 1 SCOs, with the exception of methylene chloride in endpoint samples EP-1 and EP-5 and acetone in endpoint samples EP-1, EP-5, EP-6, EP-7, EP-8, EP-17 and EP-28. These two (2) compounds are considered common laboratory contaminants; therefore, the

aforementioned endpoint samples still achieve the NYSDEC Track 1 SCOs. The Track 1 Remedial Area is shown on **Figure 3.** The Track 1 endpoint soil analytical results are shown on **Figure 8.**

Base endpoint samples EP-11, EP-13, EP-15, EP-16, EP-21, and EP-29 through EP-31 achieved the NYSDEC Track 2 Restricted-Residential Use SCOs. Several compounds consisting of benzo[a]anthracene and benzo[a]pyrene in EP-16 and benzo[b]fluoranthene in EP-21 were detected at concentrations exceeding the NYSDEC Track 2 SCOs. However, based on NYSDEC's interpretation of the regulatory definition of the Track 2 Standards, the aforementioned samples still achieve NYSDEC Track 2 SCOs because the soil samples were collected at or deeper than 15 feet bgs. The majority of the property was remediated to NYSDEC Track 2 SCOs, this area is shown on **Figure 3**. The Track 2 endpoint soil analytical results are shown on **Figure 9**.

Base endpoint sample EP-39, located within the Track 4 Remedial Area, did not achieve the NYSDEC Track 2 SCOs but this area has been covered with the vapor barrier membrane and the composite cover system. Polycyclic aromatic hydrocarbons consisting of benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indo(1,2,3-cd)pyrene in endpoint sample EP-39 were detected exceeding the Track 2 SCOs. Additionally, a small strip of land along the northern boundary of the Site and an approximate 20 foot wide area of land along the western boundary of the Site was remediated to Track 4 acceptable levels. This area is shown on **Figure 3**. The Track 4 endpoint soil analytical results are shown on **Figure 10**.

Sidewall samples EP-1, EP-9, EP-10, EP-18, EP-22 through EP-26, and EP-28 detected no compounds exceeding the NYSDEC Track 1 SCOs, with the exception of acetone and methylene chloride. However, as discussed above, these are common laboratory contaminants.

One (1) sidewall sample, EP-20, detected compounds consisting of 1,2,4-trimethylbenzene and m,p-xylenes above the NYSDEC Track 2 SCOs and 1,3,5-trimethylbenzene, benzene, ethylbenzene, o-xylene, and toluene were detected above the NYPGW Standards. Sidewall sample EP-20 was collected at 9.5 feet bgs along the northeastern sidewall of the Site within the Track 4 Remedial Area (**Figure 3**). However, structural grout injections were horizontally injected within this depth interval along the

entire sidewall and the area was completely immobilized by the concrete grout injections. After the grout injections were completed, Brinkerhoff performed a soil investigation within the vicinity of EP-20 to determine if soil was present between the wood lagging and the adjacent building. However, concrete was observed surrounding the entire area of the EP-20 sidewall sample location and only an insignificant amount of soil was present between the wood lagging and the concrete to the southwest of EP-20. Based on these findings along with the fact that the composite cover system completely covers this Track 4 Area with the sidewalls of the foundation, the previously identified contamination in EP-20 was completely immobilized and NYSDEC required no further action. The EP-20 Sidewall Sample Soil Investigation Letter is provided as **Appendix XVIII**.

4.4.4 Quality Assurance/Quality Control

The appropriate QA/QC procedures were followed as outlined in the QAAP that was included in the NYSDEC-approved RAWP. The laboratory conformance/nonconformance summaries were evaluated for each set of data to assure laboratory accuracy.

4.4.5 Data Usability Summary Reports (DUSRs)

Data validation was performed in general accordance with NYSDEC DUSR requirements for organic and inorganic data review.

The endpoint samples results for the Track 1, Track 2 and Track 4 Areas are provided as **Tables 10** through **34** and are shown on **Figures 8, 9 and 10,** respectively, and all exceedances of SCOs are highlighted.

DUSRs were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in **Appendix XIX.**

4.5 IMPORTED STONE

Stone from two (2) facilities was imported to the Site. Approximately 2,100 tons of 2½ to five (5)-inch virgin quarry stone from the Hamburg Quarry, located in Hamburg, New Jersey, was imported to the Site and placed at the base of excavation below the

concrete rat slab to be used as a working platform for the pile drilling activities. It was also placed at the Site entrance ramp. Approximately 70 tons of ¾-inch RCA from the Tilcon NY Inc. Facility, located at 411 Bergen Street in Kearny, New Jersey, was imported to the Site and placed at the Site entrance. Documentation from the approved facilities and the gradation analysis reports as well as correspondence between Brinkerhoff and the NYSDEC regarding the disposal facility approvals are provided in **Appendix XX**. The placement locations of the imported stone are depicted on **Figure 11**.

4.6 CONTAMINATION REMAINING AT THE SITE

The majority of the Site was excavated to 15 feet bgs and achieved NYSDEC Track 2 SCOs and this effort also resulted in a portion of the Site achieving the NYSDEC Track 1 SCOs. See **Appendix I - Environmental Easement Survey Map**. Soil was not excavated or removed in the small portion of land along the northern boundary and around the northeast corner of the Site since removal would have jeopardized the structural integrity of the adjacent building foundations. Since the soil remains at grade level along the northern boundary and around the northeast corner of the Site, only a Track 4 Restricted-Residential cleanup was achieved in this area. Additionally, a portion of land approximately 20 feet wide located along the western boundary of the Site could also not be excavated to 15 feet bgs without jeopardizing the structural integrity of the adjacent building foundations. This area also achieved a Track 4 Restricted-Residential cleanup.

In order to achieve the NYSDEC Track 2 SCOs across majority of the Site, extensive support of excavation work described in Section 4.2.2.4 and extensive dewatering was required. Additionally, following completion of remedial excavation, ORC® was applied in the open excavation to further enhance the remediation of residual groundwater contamination. The presence of ORC® enhances natural attenuation and expedites the degradation of any remaining volatile and semi-volatile organic compounds present in the groundwater. The contamination remaining at the Site under the Track 2 and Track 4 Areas exceeded the NYSDEC Track 1, Track 2 SCOs and the NYSPGW Standards at the time of this FER preparation. In the interim, Engineering Controls (EC) such as a composite cover system in the Track 4 Area and a vapor barrier system in the

Track 4 and Track 2 Areas were installed to protect human health and the environment from the remaining contamination. The vapor barrier will also protect against off-Site vapors encroaching onto the Site from off-Site sources.

A more detailed description of the residual contamination in the soil, soil vapor and groundwater that remains at the Site, and the nature and extent of the remaining contamination is discussed below.

4.6.1 Soil

The soil that remains at 15 feet below grade surface across majority of the Site consists of brown, gray, and black fine sand with varying amounts of silt, clay and peat. The soil that remains at grade level along the northern boundary and around the northeast corner of the Site consists of brown to black fine to coarse sand with varying amounts of silt, brick, and gravel fragments.

A total of 33 samples were collected at the base of excavation across the Site. No exceedances were detected at concentrations exceeding the NYSDEC Track 1 SCOs in the approximately 75 by 60 foot area in the southeast corner of the Site, except for common laboratory contaminants such as acetone and methylene chloride. Several metals, SVOCs and VOCs were detected exceeding NYSDEC Track 2 and 1 SCOs and the NYPGW Standards in the Track 2 Remedial area of the Site; however, since this portion of the Site was excavated to 15 feet bgs, NYSDEC Track 2 SCOs were still achieved pursuant to NYSDEC regulations that allows Track 2 SCOs to be achieved at this depth even if exceedances above the standards are still present. In the portions of the Site that were not excavated to 15 feet bgs, compound concentrations exceeding the NYSDEC Track 2 SCOs were present; however, these areas were addressed by a Track 4 remedy including a remedial cover system.

A total of 13 sidewall samples were collected along the northern, southern and eastern boundaries of the Site. No sidewall samples were collected along the western boundary of the Site since no soil was present due to the adjacent building's foundation. All sidewall samples achieved NYSDEC Track 2 SCOs with the exception of one (1) endpoint sample EP-20 that detected several VOCs above the NYSDEC Track 2 SCOs

and the NYPGW Standards. However, the entire sidewall area of EP-20 was completely immobilized by horizontal grout injections and NYSDEC required no further action.

A summary of the soil sample results collected after completion of the remedial action is provided in **Tables 10** through **Table 34**. The soil sample locations are depicted on **Figures 8, 9** and **10**. The soil analytical laboratory data packages are provided as **Appendix XXI.**

4.6.2 Groundwater

As mentioned above, soil was excavated to approximately 15 feet bgs across the majority of the Site. As part of the soil excavation excavation to 15 feet bgs, extensive dewatering was required. Even though this activity likely removed majority of the contaminated groundwater from the Site, ORC treatment was still applied to the bottom of the excavation to treat any residual soil and groundwater contamination left below 15 feet.

Prior to the start of construction, a temporary off-Site monitoring well was installed down-gradient of the Site on August 20, 2015. Per the NYSDEC-approved RAWP, one (1) groundwater sample, identified as TMW-1, was collected to establish baseline groundwater conditions before the start of remediation. The pre-construction groundwater sample, TMW-1, was analyzed for TCL SVOCs and VOCs. The analytical results detected one (1) SVOC (Napthalene) and several VOCs (1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenze, Acetone, Ethylbenzene, Isopropylbenzene, Methylene Chloride, n Butyl Benzene, sec-Buthylbenzene, and Toluene) at concentrations exceeding the NYSDEC Ambient Groundwater Quality Standards (NYSDEC GWQS). A permanent off-Site monitoring well, identified as SMW-1, was installed down-gradient of the Site on April 28, 2016.

In addition, NYSDEC required two (2) additional groundwater samples be collected prior to the start of the in-situ chemical injections. On October 18, 2016, one (1) groundwater sample was collected from the permanent off-Site monitoring well SMW-1 and one (1) groundwater sample, identified as TMW-2, was collected from an additional temporary on-Site monitoring well that was installed in the Track 4 Area (western ramp area). Both pre-injection groundwater samples were analyzed for TCL VOCs and the

results were compared to the NYSDEC GWQS. The analytical results from pre-injection groundwater sample SMW-1 indicated that one (1) compound, n-Propyl Benzene, was detected at above the NYSDEC GWQS; however, the compound was detected at a significantly lower concentration than the pre-construction groundwater sample. The analytical results from the pre-injection groundwater sample TMW-2 indicated that no VOCs were detected above the NYSDEC GWQS.

The in-situ chemical injections occurred in the western Track 4 area from October 18, 2016 through October 21, 2016. Following the completion of the injections, a post-injection groundwater sample was collected from the permanent off-Site monitoring well SMW-1 on November 3, 2016. The post-injection groundwater sample, SMW-1, was analyzed for TCL VOCs. The analytical results from the post-injection groundwater sample, SMW-1, detected no VOCs exceeding the NYSDEC GWQS. In addition, all detected compounds in the off-Site post-injection groundwater sample showed decreased concentrations in comparison to the pre-construction and pre-injection groundwater samples. Additionally, as per NYSDEC request, one (1) permanent On-Site monitoring well, identified as SMW-2, was installed on December 15, 2016. SMW-2 was installed in the same location as temporary monitoring well TMW-2, in the western portion of the Track 4 ramp area.

Tables 35, 36 and **Figure 12** summarize the results of the groundwater samples that were collected prior to and after the remedial action. Groundwater analytical laboratory data packages are provided as **Appendix XXII**.

4.6.3 Soil Vapor

The Remedial Investigation revealed elevated concentrations of PCE Site-wide at levels requiring monitoring and/or mitigation pursuant to the NYSDOH guidance document. As a result, a vapor barrier membrane was installed in the Track 2 and Track 4 Areas of the site as an engineering control to address residual soil vapor contamination. A portion of the Site achieved Track 1 SCOs; therefore, NYSDEC and NYSDOH determined that no engineering controls are required to address residual soil vapor contamination in this area of the Site; however, a vapor barrier membrane was installed in the Track 1 Area as part of development.

Since contaminated soil and groundwater remain beneath the Site and contaminated soil vapor is impacting the Site from an off-Site source, after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.7 ENGINEERING CONTROLS

Since remaining contaminated soil, soil vapor, and groundwater exist beneath the Site, three (3) Engineering Controls (ECs) are required to protect human health and the environment. The Site has the following primary Engineering Controls, as described in the following subsections.

4.7.1 COMPOSITE COVER SYSTEM - TRACK 4 REMEDIAL AREA

Exposure to remaining soil contamination in the Track 4 Remedial Area at the Site is prevented by a composite cover system placed over and around the entire Track 4 Remedial Area. Since the Track 4 Remedial Area could not be safely excavated and removed without jeopardizing the structural integrity of the adjacent building foundations, an engineered composite cover system was implemented to prevent human exposure to the residual soils. The Track 4 Remedial Area cover system consists of at a minimum, a four (4) to six (6)-inch concrete foundation slab and an approximate one (1) to two (2)-foot layer of RCA and/or virgin quarry stone. A second engineering control serves the Track 4 and 2 Areas of the Site, the vapor barrier membrane, which is discussed in the section below. No engineering controls are required by NYSDEC and NYSDOH in the Track 1 Area to address residual soil contamination. However, as part of development, construction of a composite cover system consisting of a concrete foundation slab overlying a vapor barrier membrane, a concrete rat slab and a layer of RCA and/or virgin quarry stone was also installed in the Track 1 and Track 2 Areas, which was necessary for the building but was also required to hold in place adjacent foundations with extensive underpinning required. **Figure 13** presents the location of the

cover system and a cross-section of the system layers. The Excavation Work Plan (EWP) provided in **Appendix XXIIII** outlines the procedures required to be implemented in the event the Track 4 Remedial Area cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP), provided as **Appendix II**, and an associated Community Air Monitoring Plan (CAMP) prepared for the Site and provided as **Appendix VII.**

4.7.2 VAPOR BARRIER SYSTEM – TRACK 2 AND TRACK 4 REMEDIAL AREAS

Exposure to remaining soil vapor contamination in the Track 2 and Track 4 Remedial Areas of the Site is prevented by a vapor barrier system to address the soil vapor intrusion pathway, in lieu of an evaluation of soil vapor intrusion. The vapor barrier system consisted of the installation of the Preprufe 300R waterproofing/vapor barrier membrane, manufactured by Grace, at the base of excavation across the Track 2 and Track 4 Areas and along the exterior portions of the sidewalls in the Track 2 and Track 4 Areas. According to the NYSDEC and NYSDOH, the Track 1 Area of the Site does not require an engineering control to address remaining soil vapor contamination; however, as part of development and in lieu of an evaluation of soil vapor intrusion, a waterproofing/vapor barrier membrane was incorporated into the building foundation at the base and along the exterior portions of the sidewalls in the Track 1 Area. Additionally, the building foundation slab was installed below the groundwater table and the Track 1 Area of the Site is within the lowest level of the building in which a below-grade ventilated parking structure was installed in accordance with New York City Construction Codes. The Preprufe 300R waterproofing/vapor barrier membrane specifications are provided in **Appendix XXIV**.

4.7.3 MONITORED NATURAL ATTENUATION OF GROUNDWATER

As a part of the remedial action for the Site, temporary off-Site and on-Site monitoring wells were installed and sampled. A temporary off-Site monitoring well (TMW-1) was installed down-gradient of the Site and was sampled prior to the

commencement of construction. A temporary on-Site monitoring well (TMW-2) was also installed in the western Track 4 Area (ramp area) and a permanent off-Site monitoring well (SMW-1) was installed down-gradient of the Site and both wells were sampled prior to commencement of the in-situ chemical injection event. Following the completion of the chemical injections, the permanent off-Site monitoring well (SMW-1) was sampled. The groundwater sampling results indicated a significant decreasing trend. In addition, as requested by the NYSDEC, a permanent on-Site monitoring well (SMW-2) was installed in the western Track 4 Area (ramp area).

Off-Site and on-Site groundwater monitoring activities to assess natural attenuation will continue quarterly for at least two (2) years, as determined by the NYSDEC with consultation with NYSDOH, until residual groundwater concentrations are found to exhibit a decreasing trend or have become asymptotic at an acceptable level as evidenced through quarterly samples. In the event that groundwater monitoring data indicates that monitoring for natural attenuation may no longer be required, a proposal to discontinue the system will be submitted by the remedial party. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional treatment and/or control measures will be evaluated.

4.8 INSTITUTIONAL CONTROLS

The Site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to industrial, commercial and restricted residential uses only.

The environmental easement for the Site was executed by the Department on September 12, 2016, and filed with the Bronx County Clerk on September 21, 2016. The County Recording Identifier number for this filing is 2016092101331001. A copy of the easement and proof of filing is provided in **Appendix I.**

4.9 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

All changes to the RAWP were reported to the NYSDEC Project Manager and were documented in daily reports. The deviations from the RAWP are discussed below.

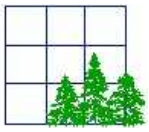
On October 16, 2013, the NYSDEC issued a Decision Document which selected a remedy to clean up the Site. The remedy to achieve a Track 2 cleanup under the BCP included excavation of all on-Site soil to a depth of 15 feet bgs.

In September 2015, an Explanation of Significant Difference (ESD) was issued to describe a change in the remedy to achieve a Track 4 cleanup for the strip of land located along the northern boundary of the Site that could not be excavated due to structural constraints. The ESD explained that since contaminated soil would be left on-Site in this new Track 4 area, a cover system would be required in that area, which would not have been required if a Track 2 cleanup was achieved in that area. The remedy for the remainder of the Site would remain the same as in the original decision document, achieving a Track 2 cleanup.

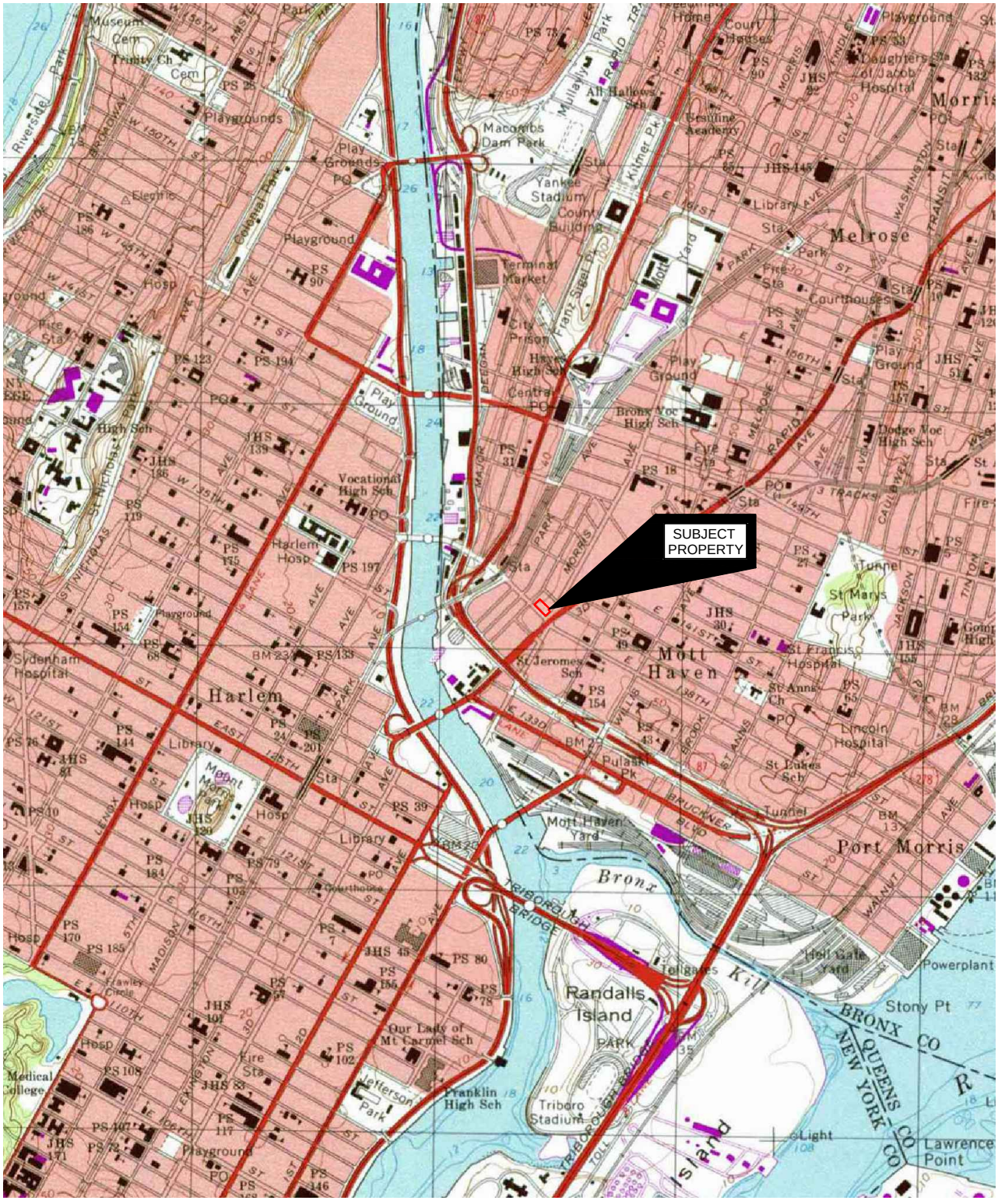
In September 2016, an ESD was issued to describe another change in the remedy to expand the area of the Site achieving a Track 4 cleanup, instead of a Track 2 cleanup, due to similar structural constraints relative to excavation. The Track 4 cleanup area was revised to include the approximately 20 foot wide portion of land along the western boundary of the Site. Also, for the southeast corner of the Site, the cleanup goal was revised to achieve a Track 1 cleanup, since NYSDEC Track 1 Use SCOs were already achieved in this area.

As stated in Section 4.3.2 - Underground Storage Tank (USTs) and Section 4.3.3 – Abandoned Hydraulic Lifts, eight (8) USTs, identified as UST-12 through UST-19, and two (2) lifts, identified as Lift-1 and Lift-2, were encountered during soil excavation activities across the Site. Each UST and lift was cleaned and the liquid contents were properly disposed of at Lorco Petroleum Services in Elizabeth, New Jersey; however, copies of the disposal manifests for the liquid contents were unable to be provided by the

generator (East 138th Street LLC), the transporter (Petroleum Tank Cleaner LTD), or the receiving facility (Lorco Petroleum Services). I, Ira Pierce, P.E., had primary direct responsibility of our personnel for overseeing Mercury Tank & Pump Service, Inc. pump out the aforementioned USTs and lifts and for overseeing Petroleum Tank Cleaners LTD transport the liquid contents to the Lorco Petroleum Services Facility on August 27, 2015 and September 1, 9, and 28, 2015. Despite several attempts and phone conversations, Lorco Petroleum Services was unable to provide copies of the manifests. According to Lorco Petroleum Services, shipments of tank liquids were received from Petroleum Tank Cleaners LTD; however, the shipments reportedly consisted of contents from several locations and Petroleum Tank Cleaners was reportedly identified as the generator and the transporter for the shipments that Lorco Petroleum Services received. Additionally, Petroleum Tank Cleaners LTD has reportedly gone out of business so obtaining any information from them has been unsuccessful. To the best of my knowledge based on the available information acquired and correspondence with Lorco Petroleum Services, the liquid contents from the aforementioned USTs and lifts were properly disposed of at Lorco Petroleum Services in Elizabeth, New Jersey. Additionally, Mercury Tank & Pump Service, Inc has provided a letter documenting the cleaning, removal, and transportation of the liquid contents to Lorco Petroleum Services. The letter is provided in **Appendix XIV.**



Figures



SCALE: 1 : 24,000
PHOTO REVISED: 1995

0′ 1000′ 2000′

SCALE: 1"=2000′

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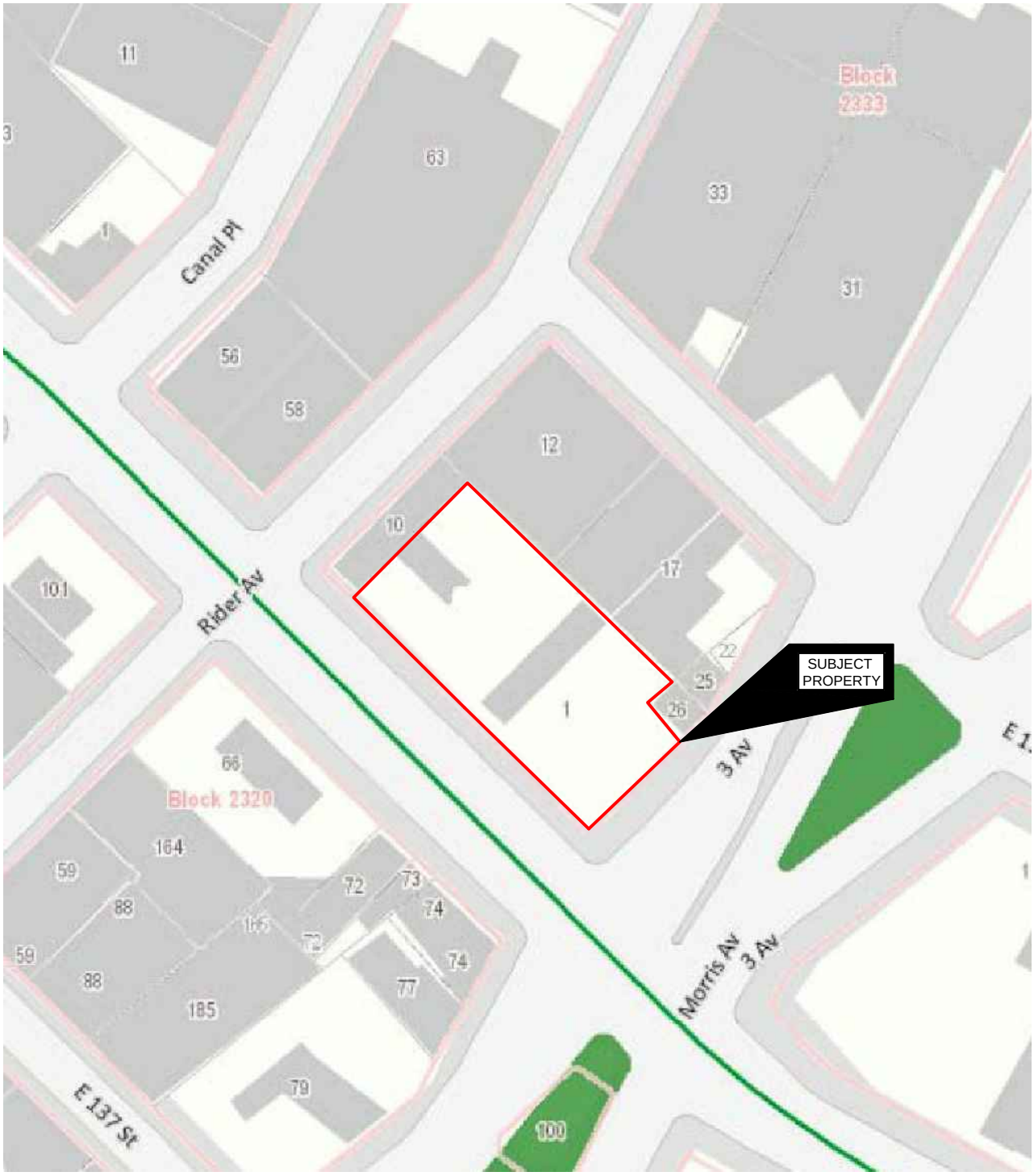
FIGURE 1 - SITE LOCATION MAP
U.S.G.S. TOPOGRAPHIC CENTRAL PARK, NY QUAD
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 10/28/16	JOB NO.: 10BR188	SCALE: 1" = 2000′



0′ 50′ 100′

SCALE: 1"=100′

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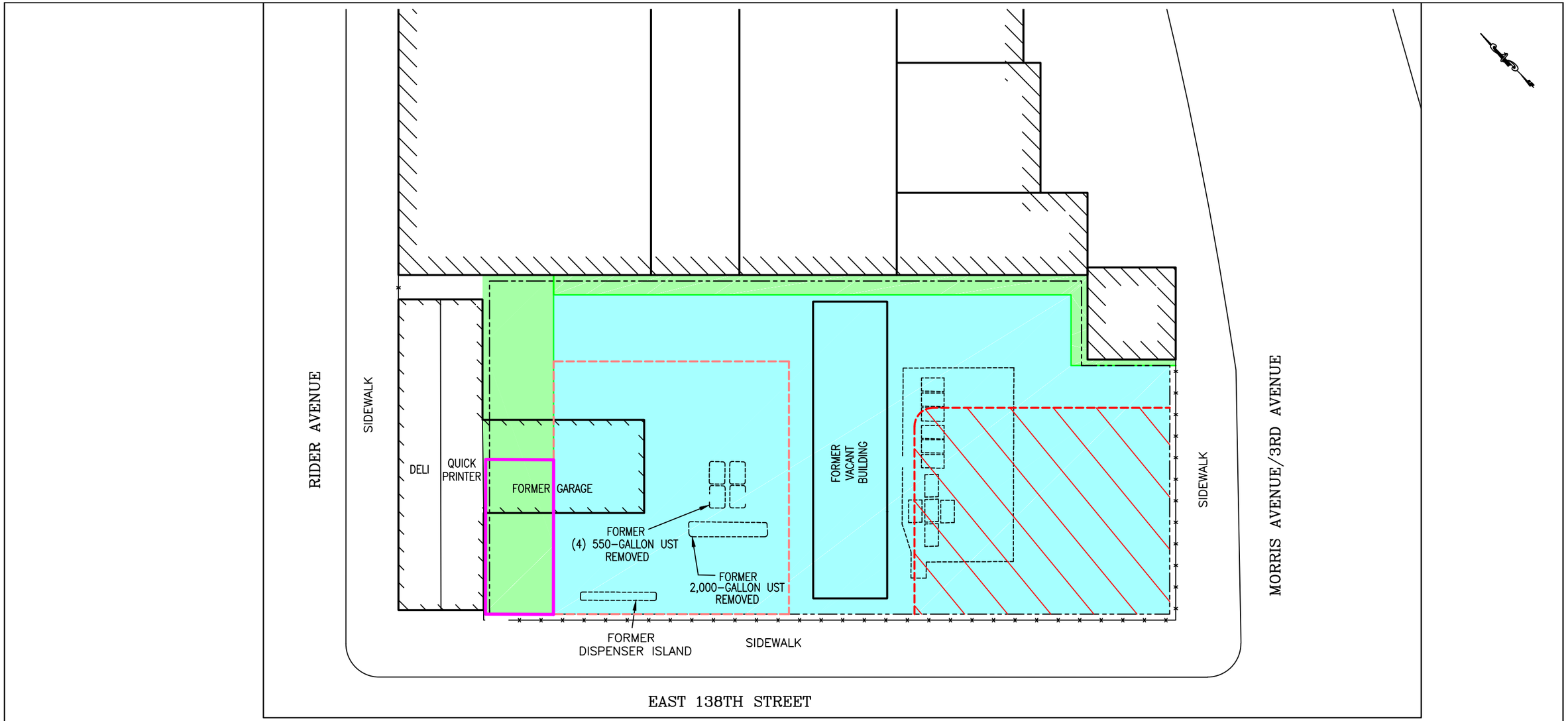
FIGURE 2 - TAX MAP

255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 10/28/16	JOB NO.: 10BR188	SCALE: 1″ = 100′



LEGEND

- PROPERTY BOUNDARY
- CHEMICAL INJECTION TREATMENT AREA EXTENT
- TRACK 1 REMEDIAL AREA
- APPROXIMATE EXTENT OF ORC APPLICATION
- TRACK 2 REMEDIAL AREA
- TRACK 4 REMEDIAL AREA

0′ 15′ 30′

SCALE: 1"=30′

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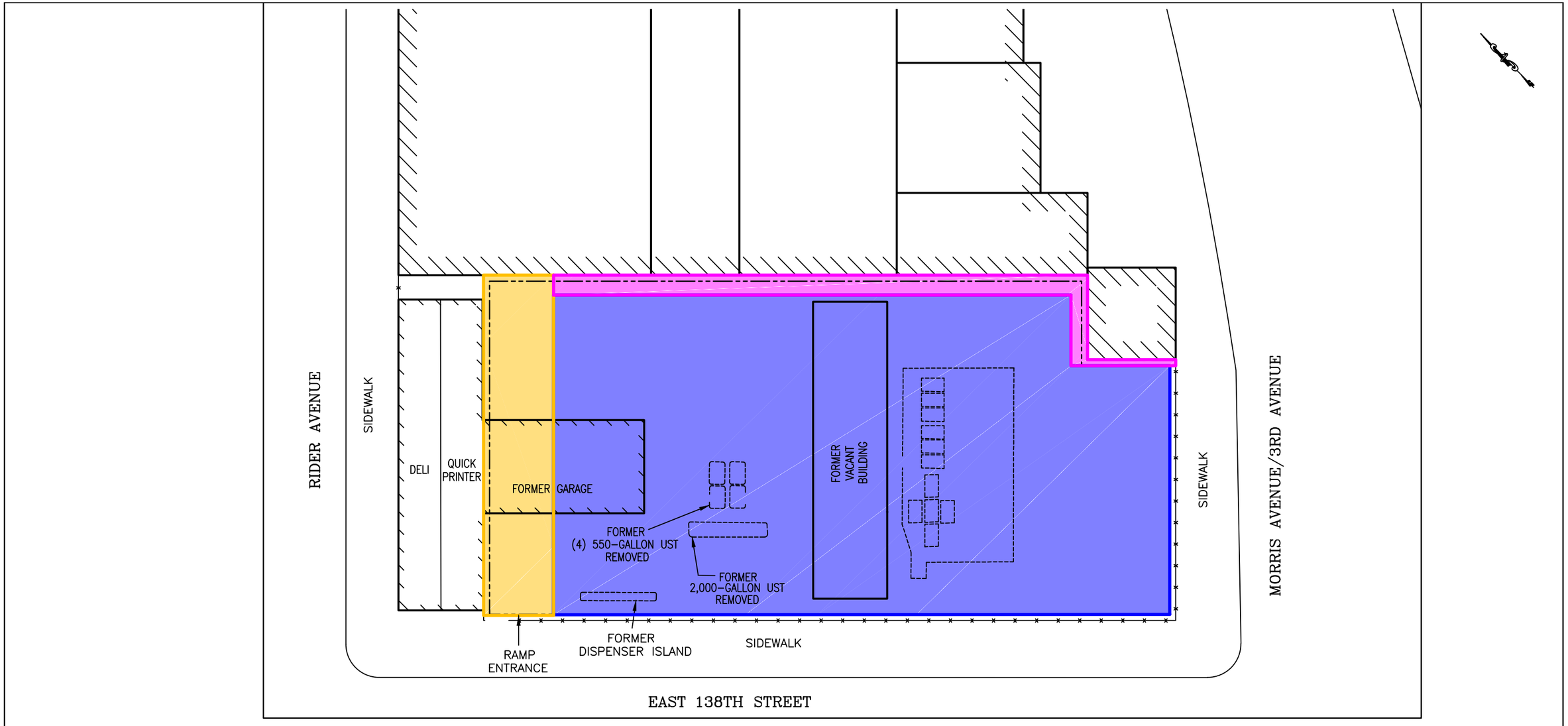
FIGURE 3 - TRACK 1, TRACK 2 AND TRACK 4 REMEDIAL AREA PLAN
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 10/28/16	JOB NO.: 10BR188	SCALE: 1′ = 30′



LEGEND

- LOCATION OF THE TRACK 4 RAMP AREA THAT DESCENDS FROM GRADE LEVEL INTO BASEMENT. SOIL EXCAVATION IN THIS AREA VARIED BETWEEN 0 AND 15 FEET BELOW GRADE SURFACE
- SOIL EXCAVATION TO 15 FEET BELOW GRADE SURFACE
- SOIL REMAINS AT GRADE LEVEL
- PROPERTY BOUNDARY

0′ 15′ 30′

SCALE: 1"=30′

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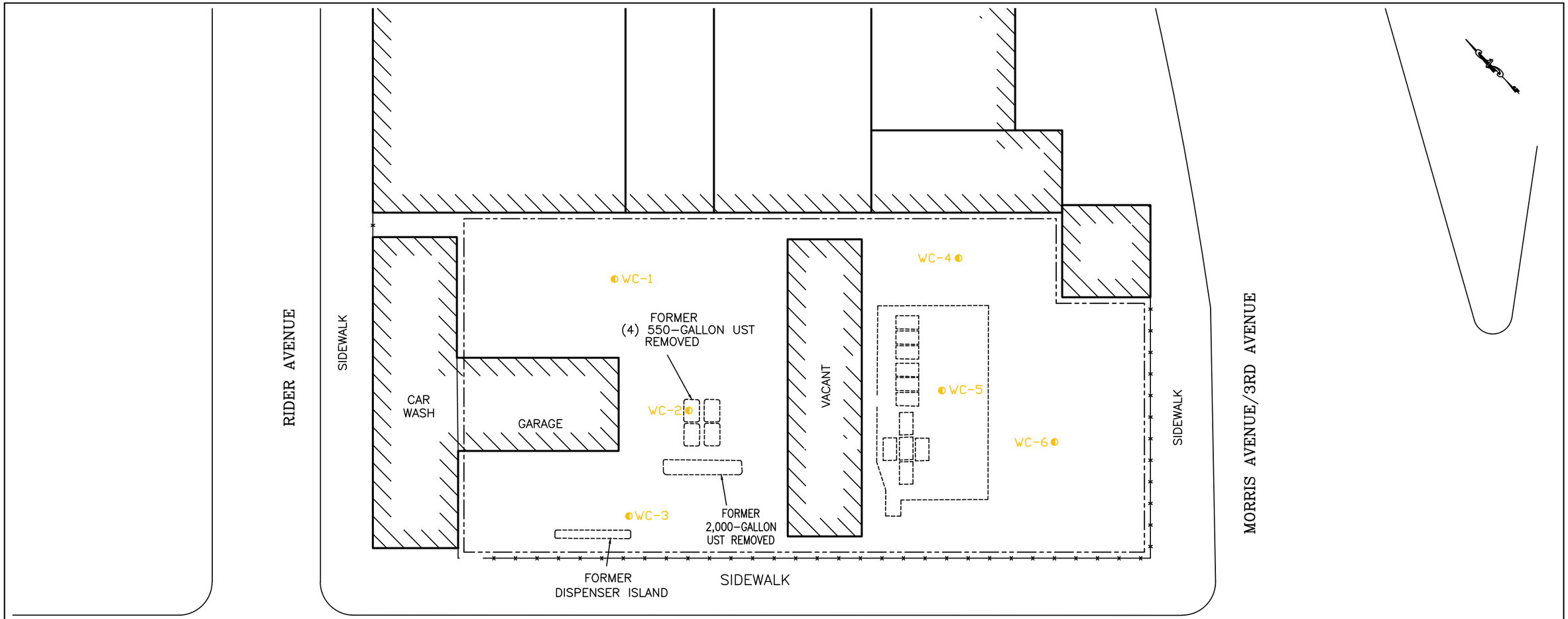
FIGURE 4 - SOIL EXCAVATION MAP

255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 12/14/16	JOB NO.: 10BR188	SCALE: 1′ = 30′



LEGEND

---- – PROPERTY BOUNDARY

◐ – WASTE CHARACTERIZATION TEST PIT LOCATION

WC-1

0′ 15′ 30′

SCALE: 1"=30′

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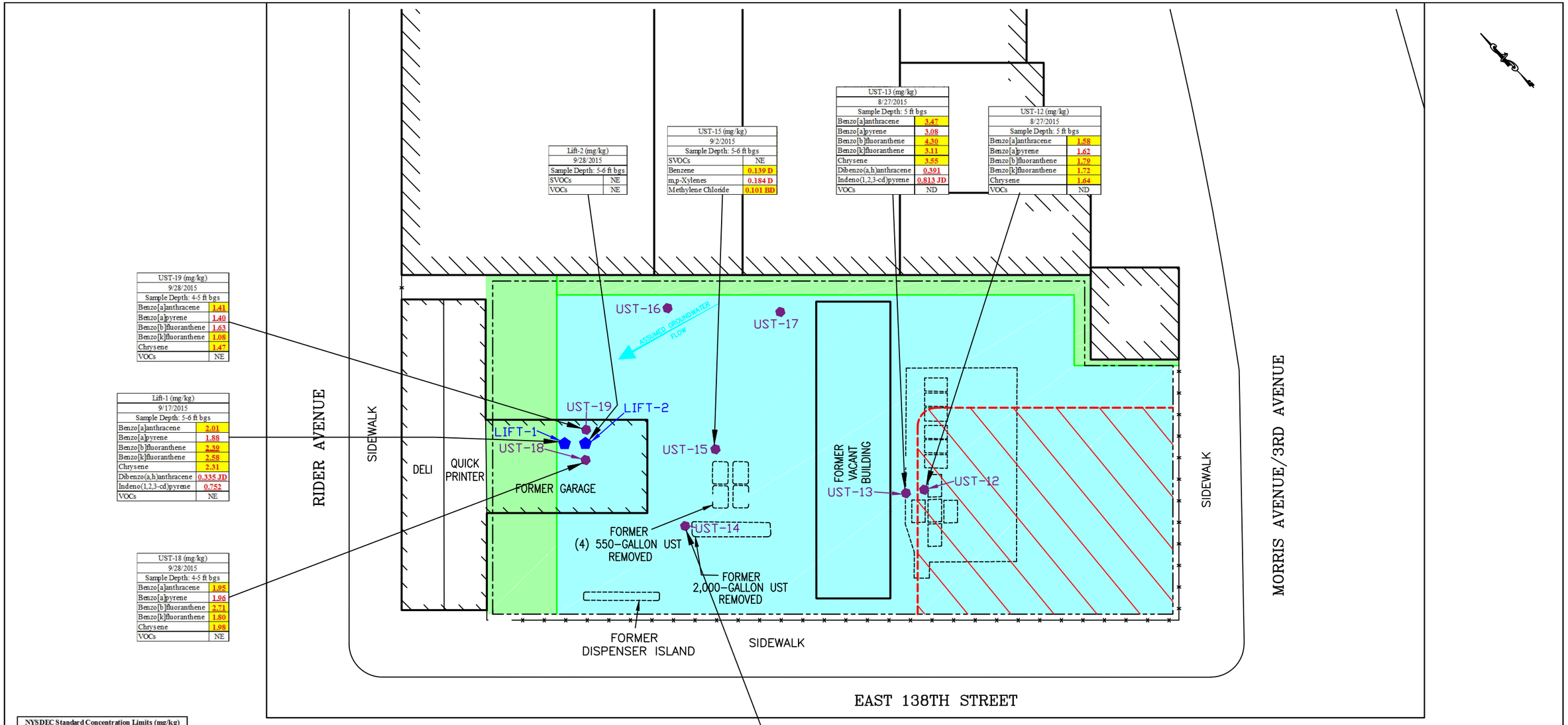
FIGURE 5 - WASTE CHARACTERIZATION
TEST PIT SAMPLE LOCATION MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 10/28/16	JOB NO.: 10BR188	SCALE: 1″ = 30′



Lift-2 (mg/kg)	
9/28/2015	
Sample Depth: 5-6 ft bgs	
SVOCs	NE
VOCs	NE

UST-15 (mg/kg)	
9/2/2015	
Sample Depth: 5-6 ft bgs	
SVOCs	NE
Benzene	0.139 D
m,p-Xylenes	0.184 D
Methylene Chloride	0.101 BD

UST-13 (mg/kg)	
8/27/2015	
Sample Depth: 5 ft bgs	
Benzo[a]anthracene	3.47
Benzo[a]pyrene	3.08
Benzo[b]fluoranthene	4.30
Benzo[k]fluoranthene	3.11
Chrysene	3.55
Dibenzo(a,h)anthracene	0.391
Indeno(1,2,3-cd)pyrene	0.813 JD
VOCs	ND

UST-12 (mg/kg)	
8/27/2015	
Sample Depth: 5 ft bgs	
Benzo[a]anthracene	1.58
Benzo[a]pyrene	1.62
Benzo[b]fluoranthene	1.79
Benzo[k]fluoranthene	1.72
Chrysene	1.64
VOCs	ND

UST-19 (mg/kg)	
9/28/2015	
Sample Depth: 4-5 ft bgs	
Benzo[a]anthracene	1.41
Benzo[a]pyrene	1.40
Benzo[b]fluoranthene	1.63
Benzo[k]fluoranthene	1.08
Chrysene	1.47
VOCs	NE

Lift-1 (mg/kg)	
9/17/2015	
Sample Depth: 5-6 ft bgs	
Benzo[a]anthracene	2.01
Benzo[a]pyrene	1.88
Benzo[b]fluoranthene	2.39
Benzo[k]fluoranthene	2.58
Chrysene	2.31
Dibenzo(a,h)anthracene	0.335 JD
Indeno(1,2,3-cd)pyrene	0.752
VOCs	NE

UST-18 (mg/kg)	
9/28/2015	
Sample Depth: 4-5 ft bgs	
Benzo[a]anthracene	1.95
Benzo[a]pyrene	1.96
Benzo[b]fluoranthene	2.71
Benzo[k]fluoranthene	1.80
Chrysene	1.98
VOCs	NE

UST-14 (mg/kg)	
9/2/2015	
Sample Depth: 5-6 ft bgs	
Benzo[a]anthracene	3.13
Benzo[a]pyrene	2.77 D
Benzo[b]fluoranthene	4.27
Benzo[k]fluoranthene	2.94 D
Chrysene	3.44
Indeno(1,2,3-cd)pyrene	0.723 JD
VOCs	NE

NYSDEC Standard Concentration Limits (mg/kg)

Compound	NYPGW	NYRRES	NYURU
Benzo[a]anthracene	1	1	1
Benzo[a]pyrene	22	1	1
Benzo[b]fluoranthene	1.7	1	1
Benzo[k]fluoranthene	1.7	3.9	0.8
Chrysene	1	3.9	0.33
Dibenzo(a,h)anthracene	1000	0.33	0.33
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5
Benzene	0.06	4.8	0.06
m,p-Xylenes	0.8	50	0.13
Methylene Chloride	0.05	100	0.05

LEGEND

---- – PROPERTY BOUNDARY

⬟ – HYDRAULIC LIFT SAMPLE LOCATION
LIFT-1

⬢ – UNDERGROUND STORAGE TANK SAMPLE LOCATION
UST-12

▨ – TRACK 1 REMEDIAL AREA

▭ – TRACK 2 REMEDIAL AREA

▭ – TRACK 4 REMEDIAL AREA

NOTE:
THE UST AND LIFT SAMPLES WERE ANALYZED FOR TCLVOCs AND SVOCs.

0′ 15′ 30′
SCALE: 1"=30′

Notes:

Compounds detected above the NYURU SCOs, NYRRES SCOs, and/or the NYPGW Standards are shown

NYURU = New York Unrestricted Use Soil Cleanup Objectives (SCOs) (New York Unrestricted use Criteria current as of 5/2007)

NYRRES = NY Restricted-Resedential Use SCOs (Table 375-6.8(b) Dec. 2006)

NYPGW = NYProtection of Groundwater Standards (Table 375-6.8(b) Dec. 2006)

RED = Exceeds NYURU SCOs

Highlighted yellow = Exceeds NYPGW Standards

Underlined = Exceeds NYRRES SCOs

ND = Compounds were not detected

NE = Compounds were not detected above the NYURU SCOs, NYRRES SCOs or NYPGW Standards

mg/kg = Miligram per kilogram

ft bgs = Feet below grade surface

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

UST = Underground Storage Tank

D = Indicates result is based on a dilution

B = Indicates compound found in associated blank

J = Indicates estimated value for TICs and all results when detected below the RL

Samples were collected at the base of the encountered USTs and and hydraulic lifts. However, as a part of the remedial action, soil beneath the former USTs and lifts was excavated to 15 ft bgs and removed off-site.

No samples were collected at the base of UST-16 and UST-17 due to unsafe conditions (i.e., water and saturated soil).

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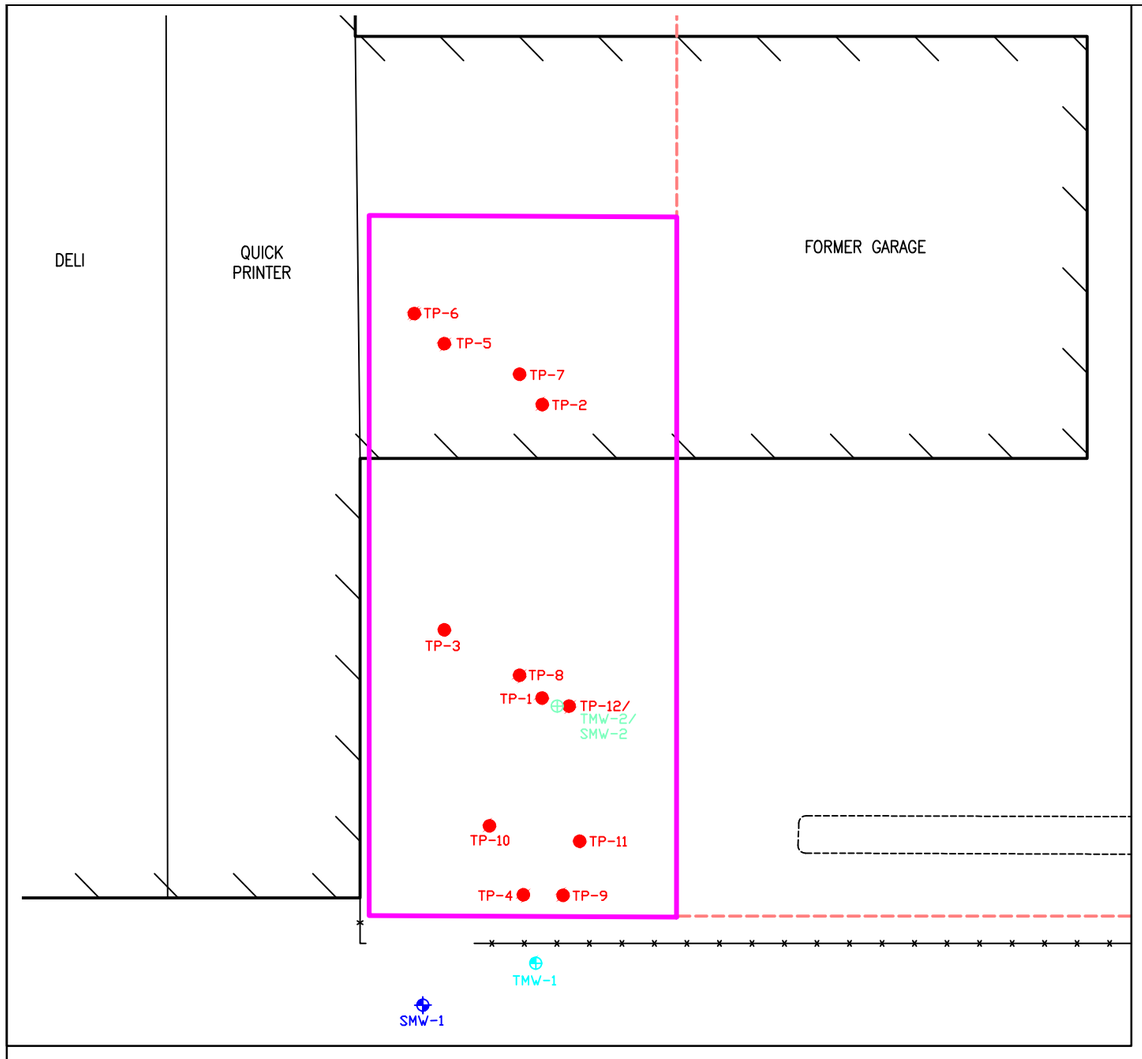
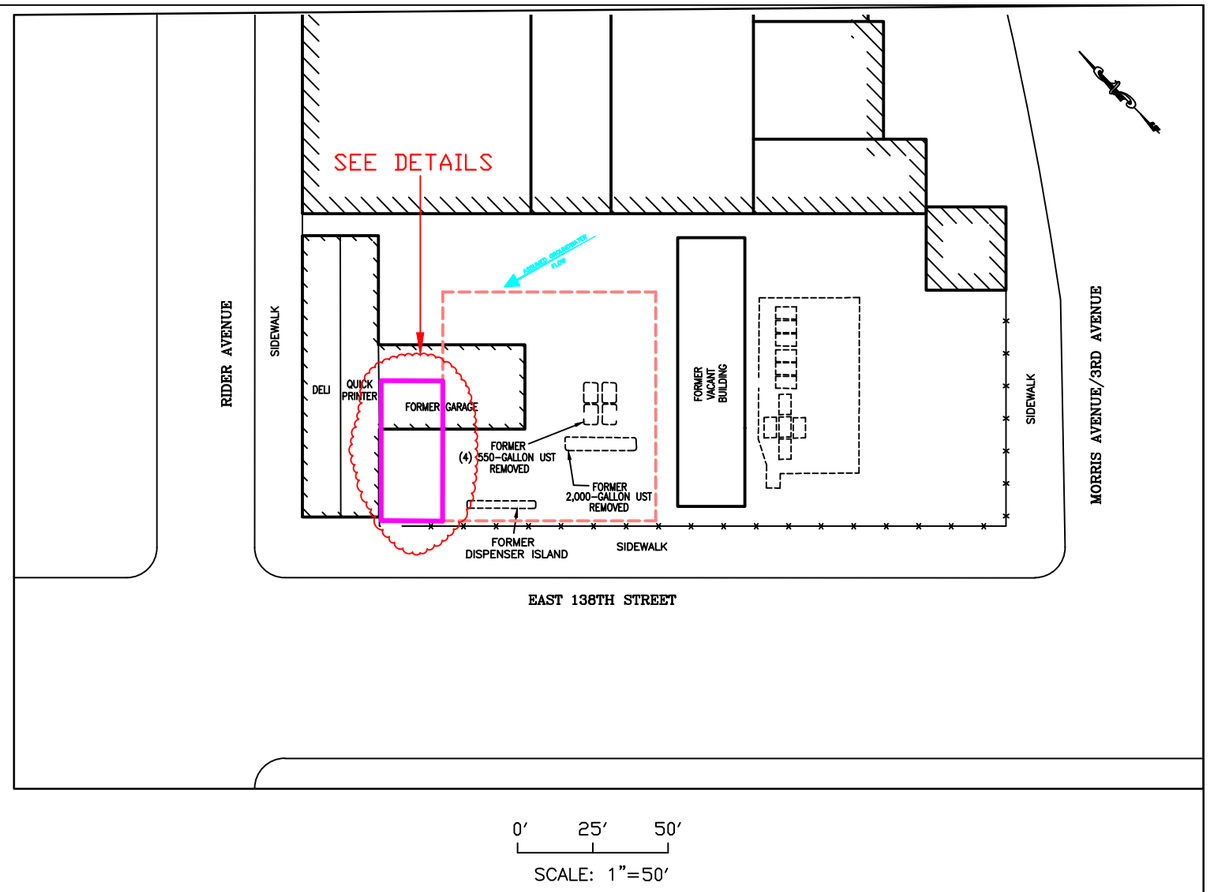
FIGURE 6 – UST AND HYDRAULIC LIFTS LOCATIONS AND SOIL SAMPLE RESULTS MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 12/12/16	JOB NO.: 10BR188	SCALE: 1″ = 30′





LEGEND

- TP-1 – TEMPORARY CHEMICAL INJECTION POINT LOCATION
- CHEMICAL INJECTION TREATMENT AREA EXTENT
- PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF ORC APPLICATION
- SMW-1 – PERMANENT OFF-SITE MONITORING WELL LOCATION
- TMW-1 – TEMPORARY OFF-SITE MONITORING WELL LOCATION
- SMW-2 – TEMPORARY AND PERMANENT ON-SITE MONITORING WELL LOCATION

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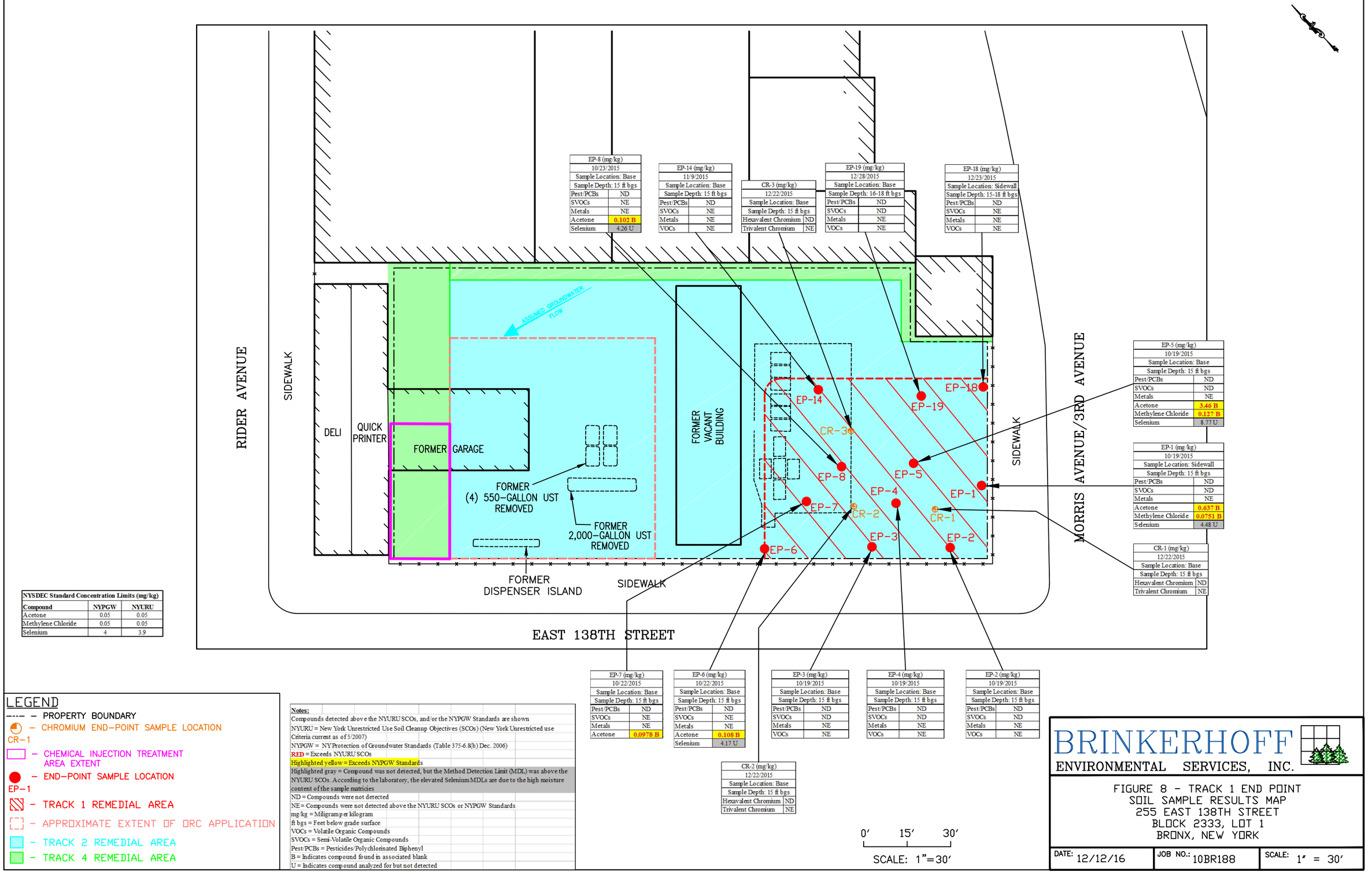
FIGURE 7 - IN-SITU CHEMICAL INJECTION POINT LOCATION MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE:	JOB NO.:	SCALE:
12/14/16	10BR188	AS SHOWN



EP-8 (mg/kg)	
10/23/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	NE
Metals	NE
Acetone	0.102 B
Selenium	4.26 U

EP-14 (mg/kg)	
11/9/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	NE
Metals	NE
VOCs	NE

CR-3 (mg/kg)	
12/22/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Hexavalent Chromium	ND
Trivalent Chromium	NE

EP-19 (mg/kg)	
12/28/2015	
Sample Location: Base	
Sample Depth: 16-18 ft bgs	
Pest/PCBs	ND
SVOCs	ND
Metals	NE
VOCs	NE

EP-18 (mg/kg)	
12/23/2015	
Sample Location: Sidewall	
Sample Depth: 15-18 ft bgs	
Pest/PCBs	ND
SVOCs	NE
Metals	NE
VOCs	NE

EP-5 (mg/kg)	
10/19/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	ND
Metals	NE
Acetone	3.46 B
Methylene Chloride	0.127 B
Selenium	8.77 U

EP-1 (mg/kg)	
10/19/2015	
Sample Location: Sidewall	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	ND
Metals	NE
Acetone	0.637 B
Methylene Chloride	0.0751 B
Selenium	4.48 U

CR-1 (mg/kg)	
12/22/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Hexavalent Chromium	ND
Trivalent Chromium	NE

EP-7 (mg/kg)	
10/22/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	NE
Metals	NE
Acetone	0.0978 B

EP-6 (mg/kg)	
10/22/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	NE
Metals	NE
Acetone	0.108 B
Selenium	4.17 U

EP-3 (mg/kg)	
10/19/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	ND
Metals	NE
VOCs	NE

EP-4 (mg/kg)	
10/19/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	ND
Metals	NE
VOCs	NE

EP-2 (mg/kg)	
10/19/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Pest/PCBs	ND
SVOCs	ND
Metals	NE
VOCs	NE

CR-2 (mg/kg)	
12/22/2015	
Sample Location: Base	
Sample Depth: 15 ft bgs	
Hexavalent Chromium	ND
Trivalent Chromium	NE

NYSDEC Standard Concentration Limits (mg/kg)		
Compound	**NYPGW**	**NYURU**
Acetone	0.05	0.05
Methylene Chloride	0.05	0.05
Selenium	4	3.9

LEGEND

- PROPERTY BOUNDARY
- CR-1 – CHROMIUM END-POINT SAMPLE LOCATION
- CHEMICAL INJECTION TREATMENT AREA EXTENT
- EP-1 – END-POINT SAMPLE LOCATION
- TRACK 1 REMEDIAL AREA
- APPROXIMATE EXTENT OF ORC APPLICATION
- TRACK 2 REMEDIAL AREA
- TRACK 4 REMEDIAL AREA

Notes:

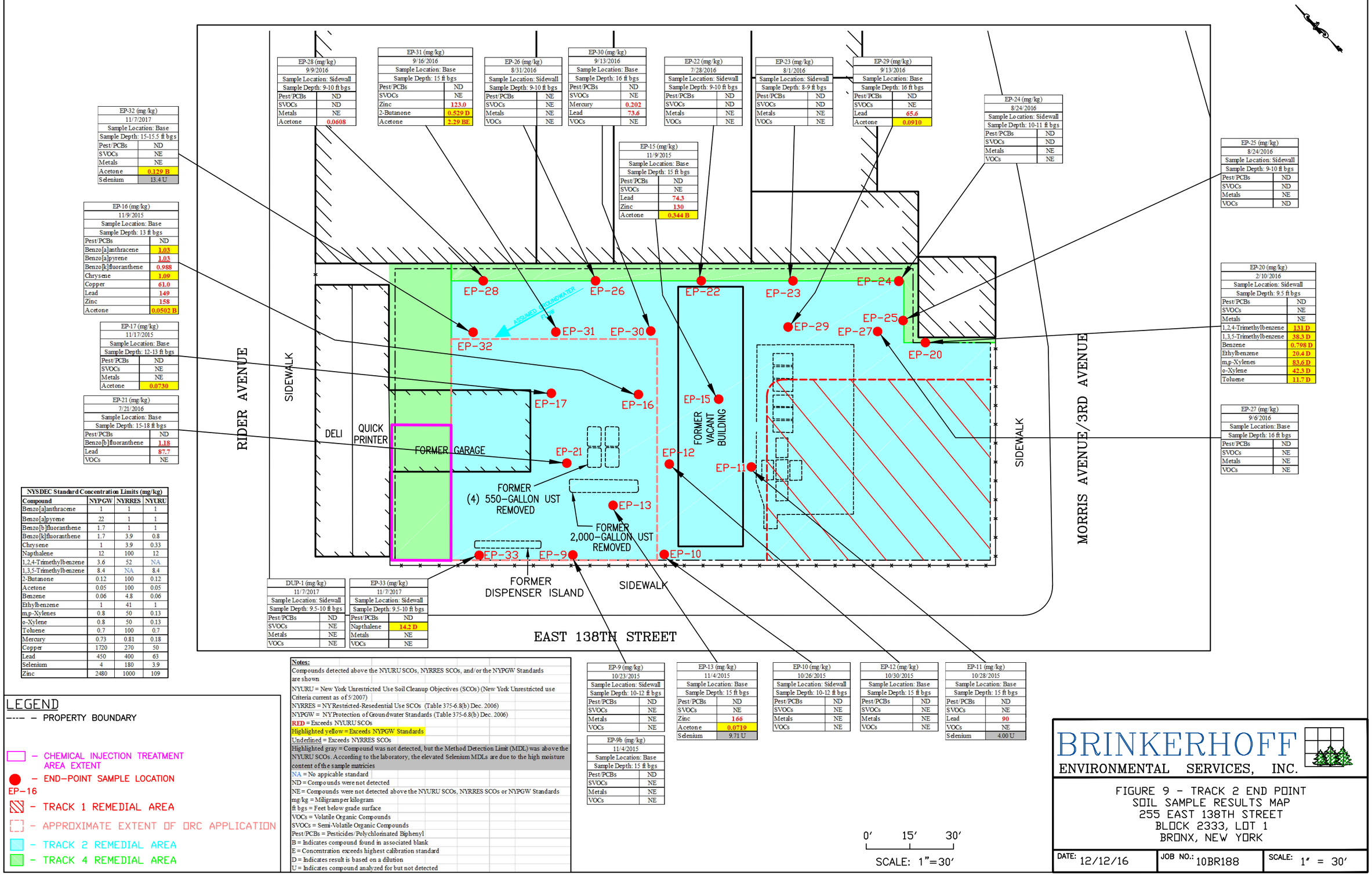
Compounds detected above the NYURU SCOs, and/or the NYPGW Standards are shown
NYURU = New York Unrestricted Use Soil Cleanup Objectives (SCOs) (New York Unrestricted use Criteria current as of 5/2007)
NYPGW = NYProtection of Groundwater Standards (Table 375-6.8(b) Dec. 2006)
RED = Exceeds NYURU SCOs
Highlighted yellow = Exceeds NYPGW Standards
Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies
ND = Compounds were not detected
NE = Compounds were not detected above the NYURU SCOs or NYPGW Standards
mg/kg = Miligram per kilogram
ft bgs = Feet below grade surface
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyl
B = Indicates compound found in associated blank
U = Indicates compound analyzed for but not detected

0′ 15′ 30′
SCALE: 1"=30′

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

FIGURE 8 – TRACK 1 END POINT
SOIL SAMPLE RESULTS MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 12/12/16	JOB NO.: 10BR188	SCALE: 1′ = 30′



NYSDEC Standard Concentration Limits (mg/kg)			
Compound	NYPGW	NYRRES	NYURU
Benzo[a]anthracene	1	1	1
Benzo[a]pyrene	22	1	1
Benzo[b]fluoranthene	1.7	1	1
Benzo[k]fluoranthene	1.7	3.9	0.8
Chrysene	1	3.9	0.33
Napthalene	12	100	12
1,2,4-Trimethylbenzene	3.6	52	NA
1,3,5-Trimethylbenzene	8.4	NA	8.4
2-Butanone	0.12	100	0.12
Acetone	0.05	100	0.05
Benzene	0.06	4.8	0.06
Ethylbenzene	1	41	1
m,p-Xylenes	0.8	50	0.13
o-Xylene	0.8	50	0.13
Toluene	0.7	100	0.7
Mercury	0.73	0.81	0.18
Copper	1720	270	50
Lead	450	400	63
Selenium	4	180	3.9
Zinc	2480	1000	109

DUP-1 (mg/kg)
11/7/2017
Sample Location: Sidewall
Sample Depth: 9.5-10 ft bgs
Pest/PCBs ND
SVOCs NE
Metals NE
VOCs NE

EP-33 (mg/kg)
11/7/2017
Sample Location: Sidewall
Sample Depth: 9.5-10 ft bgs
Pest/PCBs ND
Napthalene 14.2 D
Metals NE
VOCs NE

Notes:
Compounds detected above the NYURU SCOs, NYRRES SCOs, and/or the NYPGW Standards are shown
NYURU = New York Unrestricted Use Soil Cleanup Objectives (SCOs) (New York Unrestricted use Criteria current as of 5/2007)
NYRRES = NY Restricted-Resedential Use SCOs (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater Standards (Table 375-6.8(b) Dec. 2006)
RED = Exceeds NYURU SCOs
Highlighted yellow = Exceeds NYPGW Standards
Underlined = Exceeds NYRRES SCOs
Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies
NA = No appicable standard
ND = Compounds were not detected
NE = Compounds were not detected above the NYURU SCOs, NYRRES SCOs or NYPGW Standards
mg/kg = Miligram per kilogram
ft bgs = Feet below grade surface
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
Pest/PCBs = Pesticides/Polychlorinated Biphenyl
B = Indicates compound found in associated blank
E = Concentration exceeds highest calibration standard
D = Indicates result is based on a dilution
U = Indicates compound analyzed for but not detected

EP-9 (mg/kg)
10/23/2015
Sample Location: Sidewall
Sample Depth: 10-12 ft bgs
Pest/PCBs ND
SVOCs NE
Metals NE
VOCs NE

EP-9b (mg/kg)
11/4/2015
Sample Location: Base
Sample Depth: 15 ft bgs
Pest/PCBs ND
SVOCs NE
Metals NE
VOCs NE

EP-13 (mg/kg)
11/4/2015
Sample Location: Base
Sample Depth: 15 ft bgs
Pest/PCBs ND
SVOCs NE
Zinc 166
Acetone 0.0719
Selenium 9.71 U

EP-10 (mg/kg)
10/26/2015
Sample Location: Sidewall
Sample Depth: 10-12 ft bgs
Pest/PCBs ND
SVOCs NE
Metals NE
VOCs NE

EP-12 (mg/kg)
10/30/2015
Sample Location: Base
Sample Depth: 15 ft bgs
Pest/PCBs ND
SVOCs NE
Metals NE
VOCs NE

EP-11 (mg/kg)
10/28/2015
Sample Location: Base
Sample Depth: 15 ft bgs
Pest/PCBs ND
SVOCs NE
Lead 90
VOCs NE
Selenium 4.00 U

LEGEND

---- – PROPERTY BOUNDARY

– CHEMICAL INJECTION TREATMENT AREA EXTENT

– END-POINT SAMPLE LOCATION

EP-16

– TRACK 1 REMEDIAL AREA

– APPROXIMATE EXTENT OF ORC APPLICATION

– TRACK 2 REMEDIAL AREA

– TRACK 4 REMEDIAL AREA

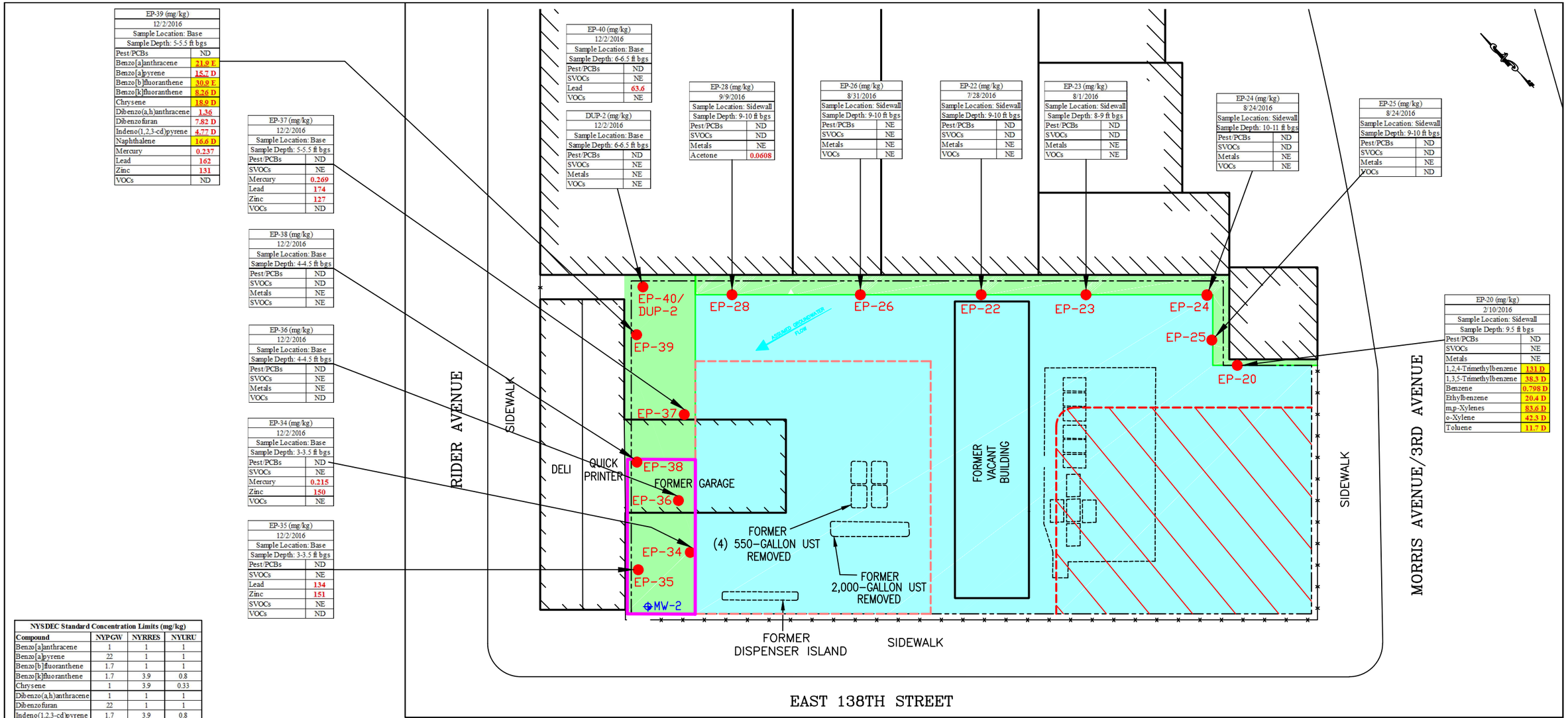
0′ 15′ 30′

SCALE: 1”=30′

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

FIGURE 9 – TRACK 2 END POINT
SOIL SAMPLE RESULTS MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 12/12/16 | JOB NO.: 10BR188 | SCALE: 1′ = 30′



NYSDEC Standard Concentration Limits (mg/kg)			
Compound	NYPGW	NYRRES	NYURU
Benzo[a]anthracene	1	1	1
Benzo[a]pyrene	22	1	1
Benzo[b]fluoranthene	1.7	1	1
Benzo[k]fluoranthene	1.7	3.9	0.8
Chrysene	1	3.9	0.33
Dibenzo(a,h)anthracene	1	1	1
Dibenzofuran	22	1	1
Indeno(1,2,3-cd)pyrene	1.7	3.9	0.8
Napthalene	12	100	12
1,2,4-Trimethylbenzene	3.6	52	NA
1,3,5-Trimethylbenzene	8.4	NA	8.4
Acetone	0.05	100	0.05
Benzene	0.06	4.8	0.06
Ethylbenzene	1	41	1
m,p-Xylenes	0.8	50	0.13
o-Xylene	0.8	50	0.13
Toluene	0.7	100	0.7
Mercury	0.73	0.81	0.18
Lead	450	400	63
Zinc	2480	1000	109

LEGEND

- PROPERTY BOUNDARY
- CHEMICAL INJECTION TREATMENT AREA EXTENT
- END-POINT SAMPLE LOCATION
- EP-1
- TRACK 1 REMEDIAL AREA
- APPROXIMATE EXTENT OF DRC APPLICATION
- TRACK 2 REMEDIAL AREA
- TRACK 4 REMEDIAL AREA

Notes:

Compounds detected above the NYURU SCOs, NYRRES SCOs, and/or the NYPGW Standards are shown

NYURU = New York Unrestricted Use Soil Cleanup Objectives (SCOs) (New York Unrestricted use Criteria current as of 5/2007)

NYRRES = NY Restricted-Resedential Use SCOs (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater Standards (Table 375-6.8(b) Dec. 2006)

RED = Exceeds NYURU SCOs

Highlighted yellow = Exceeds NYPGW Standards

Underlined = Exceeds NYRRES SCOs

NA = No appicable standard

ND = Compounds were not detected

NE = Compounds were not detected above the NYURU SCOs, NYRRES SCOs or NYPGW Standards

mg/kg = Miligram per kilogram

ft bgs = Feet below grade surface

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

Pest/PCBs = Pesticides/Polychlorinated Biphenyl

E = Concentration exceeds highest calibration standard

D = Indicates result is based on a dilution

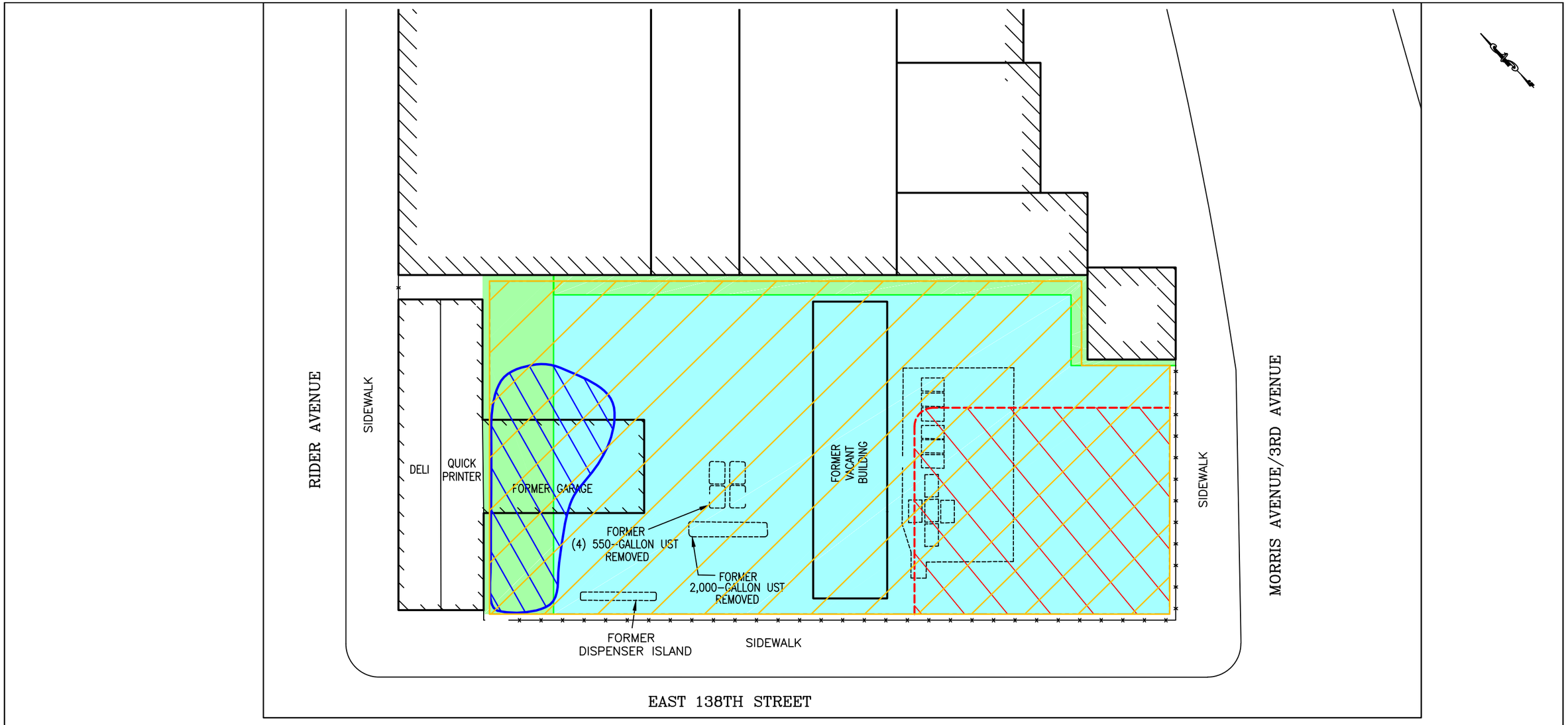
0′ 15′ 30′

SCALE: 1"=30′

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

FIGURE 10 - TRACK 4 END POINT
SOIL SAMPLE RESULTS MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE:	JOB NO.:	SCALE:
12/12/16	10BR188	1′ = 30′



LEGEND

---- – PROPERTY BOUNDARY

– APPROXIMATE LOCATION OF THE 2-5" VIRGIN QUARRY STONE IMPORTED FROM HAMBURG QUARRY

– APPROXIMATE LOCATION OF THE 3/4" RCA IMPORTED FROM TILCON NY INC.

– TRACK 1 REMEDIAL AREA

– TRACK 2 REMEDIAL AREA

– TRACK 4 REMEDIAL AREA

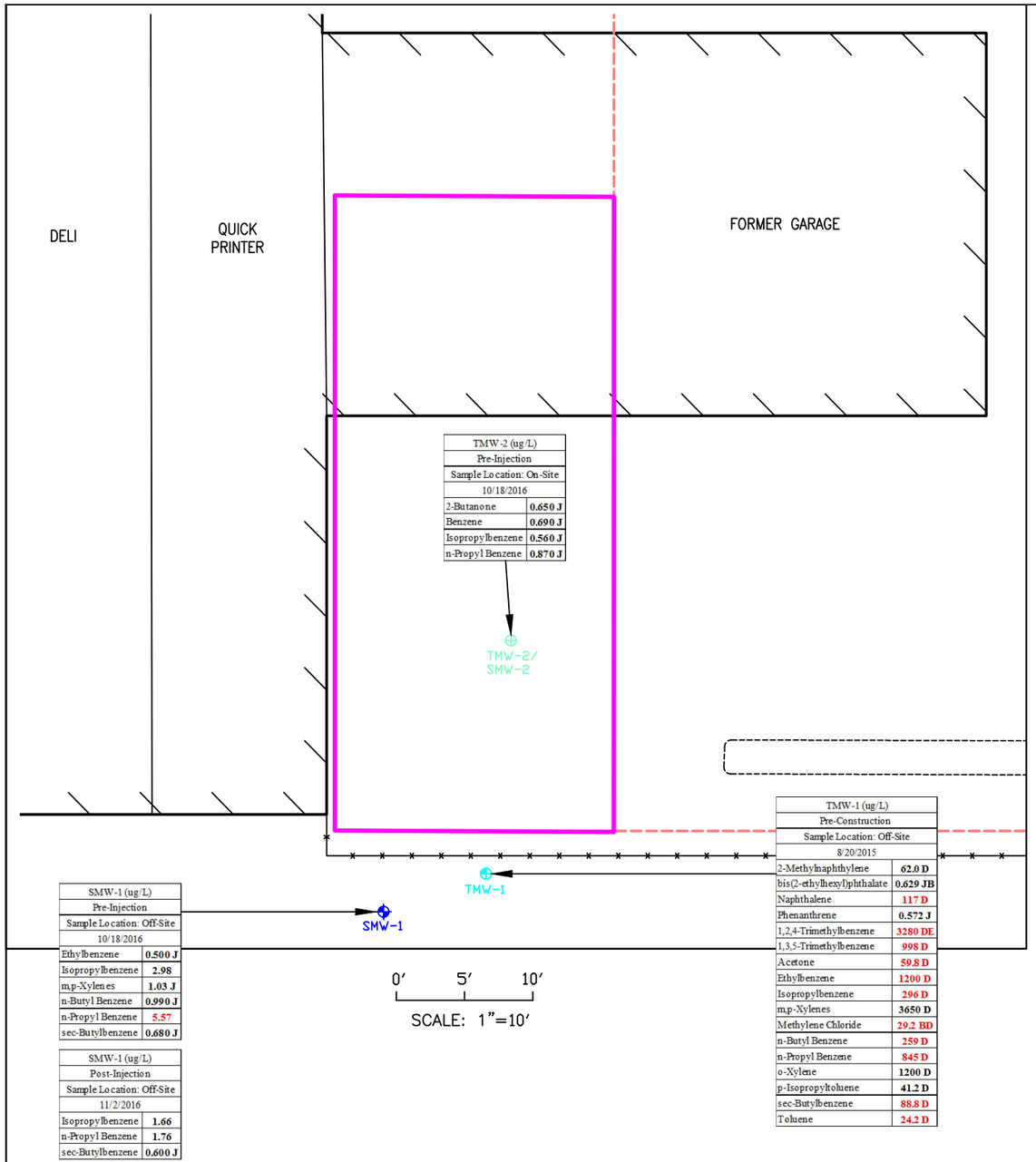
0′ 15′ 30′

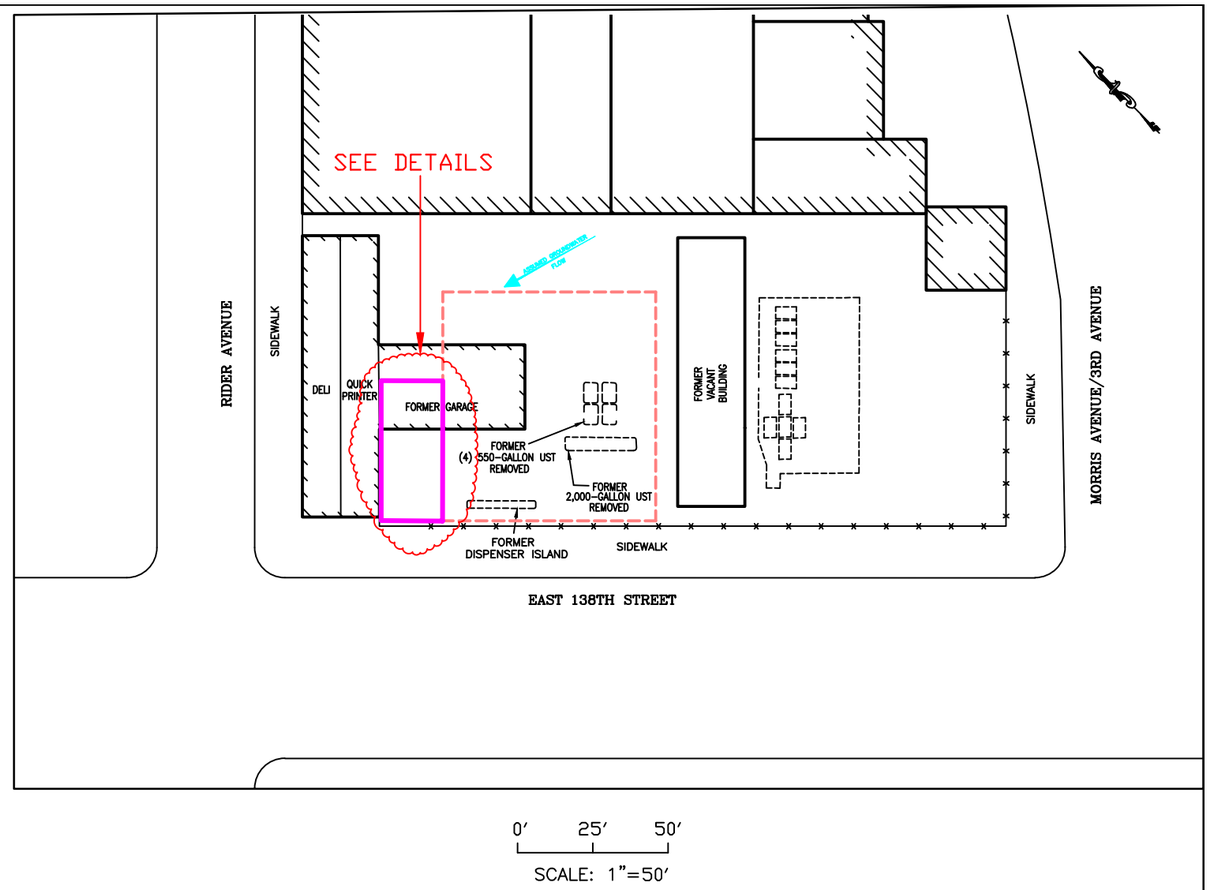
SCALE: 1"=30′

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

FIGURE 11
IMPORTED STONE PLACEMENT MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 12/20/16	JOB NO.: 10BR188	SCALE: 1" = 30′





NYSDEC Standard Concentration Limits (ug/L)	
Compound	NYSDEC GWQS
2-Methylnaphthylene	NA
bis(2-ethylhexyl)phthalate	5
Naphthalene	10
Phenanthrene	50
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
2-Butanone	50
Acetone	50
Benzene	1
Ethylbenzene	5
Isopropylbenzene	5
m,p-Xylenes	NA
Methylene Chloride	5
n-Butyl Benzene	5
n-Propyl Benzene	5
o-Xylene	NA
p-Isopropyltoluene	NA
sec-Butylbenzene	5
Toluene	5

LEGEND

- CHEMICAL INJECTION TREATMENT AREA EXTENT
- PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF ORC APPLICATION
- PERMANENT OFF-SITE MONITORING WELL LOCATION SMW-1
- TEMPORARY OFF-SITE MONITORING WELL LOCATION TMW-1
- TEMPORARY AND PERMANENT ON-SITE MONITORING WELL LOCATION SMW-2

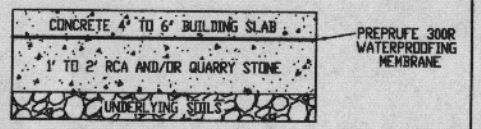
Notes:

Detected compounds are shown
NYSDEC GWQS = TOGS 1.1.1 New York State Ambient Grounwater Quality Guidance Values Table 1, 1998
Red = Exceeds NYSDEC GWQS
NA = No appicable standard
ug/L = Microgram per liter
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
J - Indicates estimated value for TICs and all results when detected below the RL

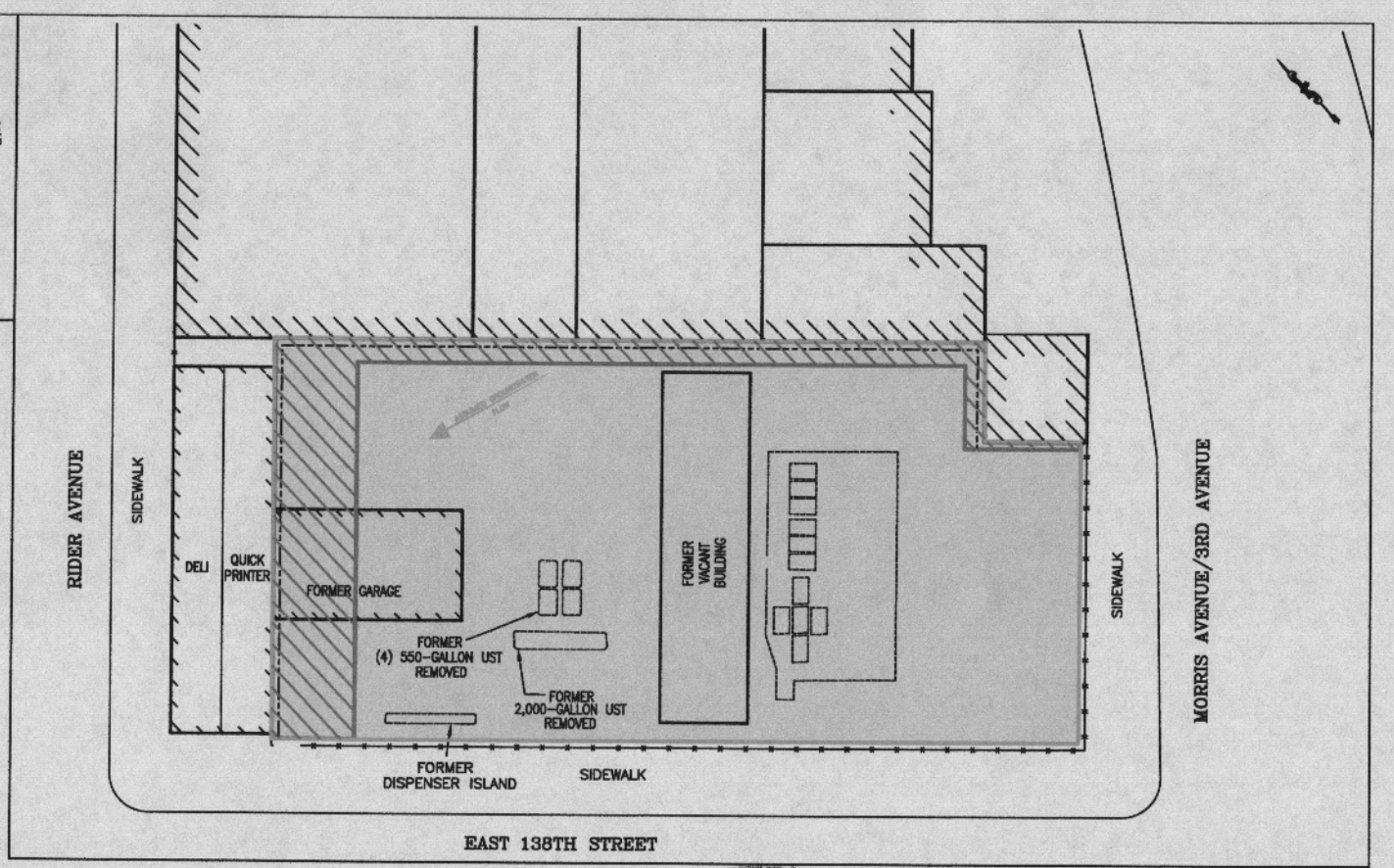
BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

FIGURE 12
GROUNDWATER SAMPLE RESULTS MAP
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE:	JOB NO.:	SCALE:
12/14/16	10BR188	AS SHOWN



TRACK 4 REMEDIAL AREA COMPOSITE COVER DETAIL
NTS



LEGEND
---- – PROPERTY BOUNDARY
– SITE-WIDE PREPRUFE 300R WATERPROOFING/ VAPOR BARRIER SYSTEM INSTALLATION AREA
– TRACK 4 REMEDIAL AREA COMPOSITE COVER INSTALLATION AREA

0' 15' 30'
SCALE: 1"=30'

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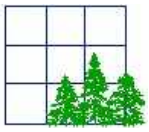
ENVIRONMENTAL SERVICES, INC.

FIGURE 13 – COMPOSITE COVER AND VAPOR BARRIER SYSTEM LOCATION MAP AND CROSS-SECTION DETAIL
255 EAST 138TH STREET
BLOCK 2333, LOT 1
BRONX, NEW YORK

DATE: 12/20/16	JOB NO.: 10BR188	SCALE: 1" = 30'



Tables

Table 1
Waste Characterization Sample Collection Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Sample Name	Date	Time	Sample Type	Depth Interval	Lithology	Test Pit Location(s)	Analysis
WC-1	5/13/2015	10:20	Composite	0-10 ft bgs	FILL	WC-1	TAL-TCL, TCLP Metals, EPH, Paint Filter
WC-2	5/13/2015	11:15	Composite	0-10 ft bgs	FILL	WC-2	TAL-TCL, TCLP Metals, EPH, Paint Filter
WC-3	5/13/2015	10:50	Composite	0-10 ft bgs	FILL	WC-3	TAL-TCL, TCLP Metals, EPH, Paint Filter
WC-4	5/13/2015	9:00	Composite	0-9 ft bgs	FILL	WC-4	TAL-TCL, TCLP Metals, EPH, Paint Filter
WC-5	5/13/2015	9:53	Composite	0-10 ft bgs	FILL	WC-5	TAL-TCL, TCLP Metals, EPH, Paint Filter
WC-6	5/13/2015	9:20	Composite	0-10 ft bgs	FILL	WC-6	TAL-TCL, TCLP Metals, EPH, Paint Filter
WC-7	5/13/2015	11:22	Composite	0-10 ft bgs	FILL	WC-1, WC-2, WC-3	RCRA Characteristics
WC-8	5/13/2015	9:55	Composite	0-9 ft bgs	FILL	WC-4, WC-5, WC-6	RCRA Characteristics
WC-9	5/13/2015	11:27	Composite	10-15 ft bgs	Native	WC-1, WC-2, WC-3	TAL-TCL, EPH
WC-10	5/13/2015	10:00	Composite	9-15 ft bgs	Native	WC-4, WC-5, WC-6	TAL-TCL, EPH

Notes:
1) ft bgs = feet below grade surface
2) TAL-TCL = Target Analyte List-Target Compound List
3) TCLP Metals = Toxicity Characteristic Leaching Procedure Metals
4) EPH = Extractable Petroleum Hydrocarbons
5) RCRA Characteristics = Resource Conservation and Recovery Act Characteristics
6) Composite samples were collected by homogenizing soil from five discrete locations within the designated depth interval into one sample.
7) Encore grab samplers used for VOC analysis were collected from one discrete location within each composite sample.

Table 2
Waste Characterization Soil Sample Results Summary
May 13, 2015 (WC-1 thorugh WC-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1500778					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1500778-01		1500778-01RE1		1500778-02		1500778-03		1500778-04		1500778-05		1500778-05RE1		1500778-06		1500778-07		1500778-08		1500778-09		1500778-10	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					WC-1		WC-1		WC-2		WC-3		WC-4		WC-5		WC-5		WC-6		WC-7		WC-8		WC-9		WC-10	
CAS#	Compound	IPTGW	NJ NRDCSRS	NJ RDCSRS	05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15		05/13/15	
EPA Method SW846 8081/8082 (mg/kg)																												
72-54-8	4,4'-DDD	4	13	3	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
72-55-9	4,4'-DDE	18	9	2	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
50-29-3	4,4'-DDT	11	8	2	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
309-00-2	Aldrin	0.2	0.2	0.04	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
319-84-6	alpha-BHC	0.002	0.5	0.1	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
5103-71-9	alpha-Chlordane	0.025	0.5	0.1	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
12674-11-2	Aroclor-1016	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
11104-28-2	Aroclor-1221	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
11141-16-5	Aroclor-1232	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
53469-21-9	Aroclor-1242	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
12672-29-6	Aroclor-1248	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
11097-69-1	Aroclor-1254	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
11096-82-5	Aroclor-1260	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
37324-23-5	Aroclor-1262	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
11100-14-4	Aroclor-1268	0.2	1	0.2	0.0193	U	~		0.0188	U	0.0228	U	0.0195	U	0.0189	U	~		0.0189	U	~		~		0.0195	U	0.0199	U
319-85-7	beta-BHC	0.002	2	0.4	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
319-86-8	delta-BHC	NA	NA	NA	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
60-57-1	Dieldrin	0.003	0.2	0.04	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
959-98-8	Endosulfan I	2	6800	235	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
33213-65-9	Endosulfan II	2	6800	235	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
1031-07-8	Endosulfan sulfate	2	6800	470	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
72-20-8	Endrin	1	340	23	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00155	U	~		0.00151	U	0.00183	U	0.00156	U	0.00151	U	~		0.00151	U	~		~		0.00156	U	0.00160	U
58-89-9	gamma-BHC [Lindane]	0.002	2	0.4	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
5566-34-7	gamma-Chlordane	0.025	0.5	0.1	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
76-44-8	Heptachlor	0.5	0.7	0.1	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
1024-57-3	Heptachlor Epoxide	0.01	0.3	0.07	0.000767	U	~		0.000748	U	0.000907	U	0.000776	U	0.000750	U	~		0.000750	U	~		~		0.000774	U	0.000792	U
72-43-5	Methoxychlor	160	5700	390	0.00774	U	~		0.00755	U	0.00915	U	0.00783	U	0.00757	U	~		0.00757	U	~		~		0.00781	U	0.00800	U
8001-35-2	Toxaphene	0.3	3	0.6	0.0387	U	~		0.0378	U	0.0457	U	0.0391	U	0.0378	U	~		0.0378	U	~		~		0.0390	U	0.0400	U
Extractable Petroleum Hydrocarbons by NJ EPH (mg/kg)																												
	Extractable Petroleum Hydrocarbons (EPH)	NA	NA	NA	**2430**	D	~		**2160**	D	**245**		**199**		**582**		~		**294**		~		~		**84.1**		**73.6**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)																												
120-82-1	1,2,4-Trichlorobenzene	0.7	820	73	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
95-50-1	1,2-Dichlorobenzene	17	59000	5300	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
541-73-1	1,3-Dichlorobenzene	19	59000	5300	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
106-46-7	1,4-Dichlorobenzene	2	13	5	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
95-95-4	2,4,5-Trichlorophenol	68	68000	6100	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
88-06-2	2,4,6-Trichlorophenol	0.2	74	19	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
120-83-2	2,4-Dichlorophenol	0.2	2100	180	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
105-67-9	2,4-Dimethylphenol	1	14000	1200	**0.0729**	J	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
51-28-5	2,4-Dinitrophenol	0.3	1400	120	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
121-14-2	2,4-Dinitrotoluene	0.1	3	0.7	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
606-20-2	2,6-Dinitrotoluene	0.1	3	0.7	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
95-57-8	2-Chlorophenol	0.8	2200	310	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U

Table 2
Waste Characterization Soil Sample Results Summary
May 13, 2015 (WC-1 thorugh WC-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1500778					**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					1500778-01		1500778-01RE1		1500778-02		1500778-03		1500778-04		1500778-05		1500778-05RE1		1500778-06		1500778-07		1500778-08		1500778-09		1500778-10	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**WC-1**		**WC-1**		**WC-2**		**WC-3**		**WC-4**		**WC-5**		**WC-5**		**WC-6**		**WC-7**		**WC-8**		**WC-9**		**WC-10**	
CAS#	**Compound**	**IPTGW**	**NJ NRDCSRS**	**NJ RDCSRS**	**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**	
91-57-6	2-Methylnaphthylene	8	2400	230	**0.676**		0.774	U	**1.75**		**0.115**	J	0.0391	U	**0.0462**	J	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
95-48-7	2-Methylphenol	NA	3400	310	**0.0388**	J	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
88-74-4	2-Nitroaniline	NA	23000	39	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
106-44-5	3 & 4-Methylphenol	NA	340	31	**0.106**	J	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
91-94-1	3,3'-Dichlorobenzidine	0.2	4	1	0.0965	U	1.93	U	0.0941	U	0.114	U	0.0975	U	0.0943	U	0.472	U	0.0943	U	~		~		0.0973	U	0.0996	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
534-52-1	4,6-Dinitro-2-methylphenol	0.3	68	6	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
83-32-9	Acenaphthene	110	37000	3400	**3.68**		**4.38**	D	**0.157**	J	0.0457	U	**0.104**	J	**0.252**		**0.263**	JD	**0.141**	J	~		~		0.0390	U	0.0400	U
208-96-8	Acenaphthylene	NA	300000	NA	**0.838**		**0.977**	JD	**0.112**	J	0.0457	U	**0.127**	J	**0.211**		**0.220**	JD	**0.264**		~		~		0.0390	U	0.0400	U
120-12-7	Anthracene	2400	30000	17000	**7.52**	E	**9.83**	D	**0.378**		0.0457	U	**0.284**		**1.01**		**1.15**	D	**0.456**		~		~		0.0390	U	0.0400	U
56-55-3	Benzo[a]anthracene	0.8	2	0.6	**19.0**	E	**18.8**	D	**1.21**		**0.130**	J	**1.03**		**3.25**		**3.50**	D	**1.63**		~		~		0.0390	U	0.0400	U
50-32-8	Benzo[a]pyrene	0.2	0.2	0.2	**13.8**	E	**17.7**	D	**1.34**		**0.139**	J	**1.05**		**3.24**		**3.49**	D	**1.58**		~		~		0.0390	U	0.0400	U
205-99-2	Benzo[b]fluoranthene	2	2	0.6	**19.7**	E	**24.9**	D	**1.96**		**0.199**	J	**1.60**		**5.33**	E	**5.19**	D	**2.95**		~		~		0.0390	U	0.0400	U
191-24-2	Benzo[ghi]perylene	NA	30000	380000	**5.98**	E	**4.92**	D	**0.387**		**0.0554**	J	**0.323**		**0.946**		**0.991**	D	**0.547**		~		~		0.0390	U	0.0400	U
207-08-9	Benzo[k]fluoranthene	25	23	6	**7.25**	E	**7.94**	D	**0.779**		**0.0788**	J	**0.634**		**1.64**		**1.55**	D	**0.859**		~		~		0.0390	U	0.0400	U
65-85-0	Benzoic acid	NA	NA	NA	0.0965	U	1.93	U	0.0941	U	0.114	U	0.0975	U	0.0943	U	0.472	U	0.0943	U	~		~		0.0973	U	0.0996	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
111-44-4	bis(2-chloroethyl)ether	0.2	2	0.4	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
39638-32-9	bis(2-chloroisopropyl)ether	5	67	23	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
117-81-7	bis(2-ethylhexyl)phthalate	1200	140	35	**0.551**		0.774	U	0.0378	U	0.0457	U	0.0391	U	**0.0496**	J	0.189	U	**0.120**	J	~		~		0.0390	U	0.0400	U
85-68-7	Butylbenzylphthalate	230	14000	1200	**0.211**		0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	**0.0837**	J	~		~		0.0390	U	0.0400	U
218-01-9	Chrysene	80	230	62	**14.7**	E	**18.6**	D	**1.25**		**0.146**	J	**1.12**		**3.35**		**3.59**	D	**1.74**		~		~		0.0390	U	0.0400	U
84-74-2	Di-n-butyl phthalate	760	68000	6100	0.0387	U	0.774	U	**0.0567**	J	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
117-84-0	Di-n-octyl phthalate	3300	27000	2400	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
53-70-3	Dibenzo(a,h)anthracene	0.8	0.2	0.2	**1.32**		**1.62**	JD	**0.125**	J	0.0457	U	**0.111**	J	**0.289**		**0.331**	JD	**0.148**	J	~		~		0.0390	U	0.0400	U
132-64-9	Dibenzofuran	NA	NA	NA	**1.86**		**2.17**	JD	**0.0733**	J	0.0457	U	**0.0752**	J	**0.128**	J	0.189	U	**0.0951**	J	~		~		0.0390	U	0.0400	U
84-66-2	Diethyl phthalate	88	550000	49000	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
206-44-0	Fluoranthene	1300	24000	2300	**19.1**	E	**43.2**	D	**2.00**		**0.200**	J	**2.06**		**5.29**	E	**6.77**	D	**3.27**		~		~		**0.0699**	J	0.0400	U
86-73-7	Fluorene	170	24000	2300	**3.25**		**3.83**	JD	**0.159**	J	0.0457	U	**0.0940**	J	**0.255**		**0.267**	JD	**0.162**	J	~		~		0.0390	U	0.0400	U
118-74-1	Hexachlorobenzene	0.2	1	0.3	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
87-68-3	Hexachlorobutadiene	0.9	25	6	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
77-47-4	Hexachlorocyclopentadiene	320	110	45	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
67-72-1	Hexachloroethane	0.2	140	35	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
193-39-5	Indeno(1,2,3-cd)pyrene	7	2	0.6	**5.07**	E	**4.96**	D	**0.382**		**0.0527**	J	**0.324**		**0.817**		**1.00**	D	**0.531**		~		~		0.0390	U	0.0400	U
78-59-1	Isophorone	0.2	2000	510	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
621-64-7	N-Nitroso-di-n-propylamine	0.2	0.3	0.2	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
62-75-9	N-Nitrosodimethylamine	0.7	0.7	0.7	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
86-30-6	N-Nitrosodiphenylamine	0.4	390	99	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U

Table 2
Waste Characterization Soil Sample Results Summary
May 13, 2015 (WC-1 thorugh WC-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1500778					**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					1500778-01		1500778-01RE1		1500778-02		1500778-03		1500778-04		1500778-05		1500778-05RE1		1500778-06		1500778-07		1500778-08		1500778-09		1500778-10	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**WC-1**		**WC-1**		**WC-2**		**WC-3**		**WC-4**		**WC-5**		**WC-5**		**WC-6**		**WC-7**		**WC-8**		**WC-9**		**WC-10**	
CAS#	**Compound**	**IPTGW**	**NJ NRDCSRS**	**NJ RDCSRS**	**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**	
91-20-3	Naphthalene	25	17	6	**1.17**		**1.31**	JD	**0.296**		**0.169**	J	**0.0678**	J	**0.0818**	J	0.189	U	**0.0511**	J	~		~		0.0390	U	0.0400	U
98-95-3	Nitrobenzene	0.2	340	31	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
87-86-5	Pentachlorophenol	0.3	10	3	0.0387	U	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
85-01-8	Phenanthrene	NA	300000	NA	**25.2**	E	**39.3**	D	**1.46**		**0.120**	J	**1.43**		**3.63**		**4.37**	D	**2.58**		~		~		**0.0461**	J	0.0400	U
108-95-2	Phenol	8	210000	18000	**0.0562**	J	0.774	U	0.0378	U	0.0457	U	0.0391	U	0.0378	U	0.189	U	0.0378	U	~		~		0.0390	U	0.0400	U
129-00-0	Pyrene	840	18000	1700	**52.8**	E	**36.6**	D	**2.26**		**0.191**	J	**1.78**		**7.07**	E	**6.04**	D	**4.13**		~		~		**0.0598**	J	0.0400	U
TCLP Mercury by SW846 7470 (mg/L)																												
7439-97-6	TCLP Mercury	NA	NA	NA	0.00500	U	~		0.00500	U	0.00500	U	0.00500	U	0.00500	U	~		0.00500	U	~		~		~		~	
TCLP Metals by SW846 6010 (mg/L)																												
7440-38-2	TCLP Arsenic	NA	NA	NA	0.250	U	~		0.250	U	0.250	U	0.250	U	0.250	U	~		0.250	U	~		~		~		~	
7440-39-3	TCLP Barium	NA	NA	NA	**0.999**		~		**0.688**		0.500	U	**0.666**		**0.650**		~		0.500	U	~		~		~		~	
7440-43-9	TCLP Cadmium	NA	NA	NA	0.0250	U	~		0.0250	U	0.0250	U	0.0250	U	0.0250	U	~		0.0250	U	~		~		~		~	
7440-47-3	TCLP Chromium	NA	NA	NA	0.100	U	~		0.100	U	0.100	U	0.100	U	0.100	U	~		0.100	U	~		~		~		~	
7439-92-1	TCLP Lead	NA	NA	NA	**2.30**		~		0.250	U	0.250	U	**1.09**		0.250	U	~		0.250	U	~		~		~		~	
7782-49-2	TCLP Selenium	NA	NA	NA	0.250	U	~		0.250	U	0.250	U	0.250	U	0.250	U	~		0.250	U	~		~		~		~	
7440-22-4	TCLP Silver	NA	NA	NA	0.0250	U	~		0.0250	U	0.0250	U	0.0250	U	0.0250	U	~		0.0250	U	~		~		~		~	
Total Mercury by SW846 7471 (mg/kg)																												
7439-97-6	Mercury	0.1	65	23	**1.06**		~		**0.199**		0.103	U	**0.886**		**2.62**		~		**0.815**		~		~		0.0879	U	0.0900	U
Total Metals by EPA Method SW846 6010 (mg/kg)																												
7429-90-5	Aluminum	6000	NA	78000	**5170**		~		**6390**		**7350**		**8460**		**5860**		~		**6870**		~		~		**8840**		**4600**	
7440-36-0	Antimony	6	450	31	4.65	U	~		4.54	U	5.49	U	**12.1**		4.55	U	~		4.55	U	~		~		4.69	U	4.80	U
7440-38-2	Arsenic	19	19	19	**10.8**		~		**5.19**		**3.36**		**6.62**		**7.70**		~		**7.96**		~		~		**1.55**		1.20	U
7440-39-3	Barium	2100	59000	16000	**189**		~		**79.0**		**43.7**		**108**		**124**		~		**461**		~		~		**58.2**		**38.3**	
7440-41-7	Beryllium	0.7	140	16	0.581	U	~		0.567	U	0.687	U	0.588	U	0.568	U	~		0.568	U	~		~		0.586	U	0.600	U
7440-43-9	Cadmium	2	78	78	**1.11**		~		**1.18**		0.687	U	**0.647**		0.568	U	~		**1.13**		~		~		0.586	U	0.600	U
7440-70-2	Calcium	NA	NA	NA	**8350**		~		**8070**		**5600**		**14300**		**26600**		~		**51700**	D	~		~		**3870**		**21000**	
7440-47-3	Chromium	NA	NA	NA	**16.1**		~		**16.9**		**10.0**		**16.6**		**13.2**		~		**30.2**		~		~		**17.9**		**10.3**	
7440-48-4	Cobalt	90	590	1600	**7.20**		~		**10.2**		6.87	U	**9.01**		**7.36**		~		**7.01**		~		~		**8.77**		6.00	U
7440-50-8	Copper	11000	45000	3100	**182**		~		**118**		**29.8**		**182**		**104**		~		**47.1**		~		~		**16.6**		**10.1**	
7439-89-6	Iron	NA	NA	NA	**25100**		~		**31500**	D	**24100**		**19700**		**16600**		~		**15300**		~		~		**14700**		**7760**	
7439-92-1	Lead	90	800	400	**887**		~		**152**		**56.1**		**535**		**659**		~		**675**		~		~		**6.01**		**18.5**	
7439-95-4	Magnesium	NA	NA	NA	**3260**		~		**5230**		**2730**		**9750**		**9070**		~		**15400**		~		~		**6530**		**12500**	
7439-96-5	Manganese	65	5900	11000	**341**		~		**358**		**295**		**415**		**290**		~		**309**		~		~		**293**		**179**	
7440-02-0	Nickel	48	23000	1600	**19.5**		~		**14.9**		**8.06**		**15.2**		**16.2**		~		**20.2**		~		~		**14.3**		**7.37**	
9/7/7440	Potassium	NA	NA	NA	**760**		~		**2130**		**984**		**1180**		**1080**		~		**2000**		~		~		**1900**		**958**	
7782-49-2	Selenium	11	5700	390	4.65	U	~		4.54	U	5.49	U	4.70	U	4.55	U	~		4.55	U	~		~		4.69	U	4.80	U
7440-22-4	Silver	1	5700	390	0.581	U	~		0.567	U	0.687	U	0.588	U	0.568	U	~		0.568	U	~		~		0.586	U	0.600	U
7440-23-5	Sodium	NA	NA	NA	**77.3**		~		**164**		**116**		**87.4**		**167**		~		**248**		~		~		**69.5**		**78.0**	
7440-28-0	Thallium	3	79	5	1.74	U	~		1.70	U	2.06	U	1.76	U	1.70	U	~		1.70	U	~		~		1.76	U	1.80	U
7440-62-2	Vanadium	NA	1100	78	**25.1**		~		**36.8**		**22.4**		**22.7**		**18.6**		~		**27.4**		~		~		**24.4**		**14.5**	
7440-66-6	Zinc	930	110000	23000	**403**		~		**350**		**57.7**		**433**		**289**		~		**627**		~		~		**44.7**		**33.2**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)																												
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
71-55-6	1,1,1-Trichloroethane	0.3	4200	290	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
79-34-5	1,1,2,2-Tetrachloroethane	0.007	3	1	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
79-00-5	1,1,2-Trichloroethane	0.02	6	2	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-34-3	1,1-Dichloroethane	0.2	24	8	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U

Table 2
Waste Characterization Soil Sample Results Summary
May 13, 2015 (WC-1 thorugh WC-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1500778					**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					1500778-01		1500778-01RE1		1500778-02		1500778-03		1500778-04		1500778-05		1500778-05RE1		1500778-06		1500778-07		1500778-08		1500778-09		1500778-10	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**WC-1**		**WC-1**		**WC-2**		**WC-3**		**WC-4**		**WC-5**		**WC-5**		**WC-6**		**WC-7**		**WC-8**		**WC-9**		**WC-10**	
CAS#	**Compound**	**IPTGW**	**NJ NRDCSRS**	**NJ RDCSRS**	**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**	
75-35-4	1,1-Dichloroethene	0.008	150	11	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
120-82-1	1,2,4-Trichlorobenzene	0.7	820	73	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
95-63-6	1,2,4-Trimethylbenzene	NA	NA	NA	0.00112	U	~		**0.0703**	D	**0.00238**	J	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
96-12-8	1,2-Dibromo-3-chloropropane	0.005	0.2	0.08	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
106-93-4	1,2-Dibromoethane	0.005	0.04	0.008	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
95-50-1	1,2-Dichlorobenzene	17	59000	5300	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
107-06-2	1,2-Dichloroethane	0.005	3	0.9	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
78-87-5	1,2-Dichloropropane	0.005	5	2	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
108-67-8	1,3,5-Trimethylbenzene	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
541-73-1	1,3-Dichlorobenzene	19	59000	5300	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
106-46-7	1,4-Dichlorobenzene	2	13	5	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
78-93-3	2-Butanone	0.9	44000	3100	**0.0204**		~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
591-78-6	2-Hexanone	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
67-64-1	Acetone	19	NA	70000	**0.129**		~		0.0227	U	**0.0109**		0.00163	U	**0.00536**		~		0.00135	U	~		~		**0.00952**		**0.00124**	J
107-02-8	Acrolein	0.5	1	0.5	0.00671	U	~		0.136	U	0.00916	U	0.00979	U	0.00656	U	~		0.00812	U	~		~		0.00664	U	0.00643	U
107-13-1	Acrylonitrile	0.5	3	0.9	0.00224	U	~		0.0454	U	0.00305	U	0.00326	U	0.00219	U	~		0.00271	U	~		~		0.00221	U	0.00214	U
71-43-2	Benzene	0.005	5	2	0.00112	U	~		0.0227	U	**0.0969**		0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
108-86-1	Bromobenzene	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-27-4	Bromodichloromethane	0.005	3	1	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-25-2	Bromoform	0.03	280	81	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
74-83-9	Bromomethane	0.04	59	25	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-15-0	Carbon disulfide	6	110000	7800	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
56-23-5	Carbon Tetrachloride	0.005	2	0.6	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
108-90-7	Chlorobenzene	0.6	7400	510	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-00-3	Chloroethane	NA	1100	220	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
67-66-3	Chloroform	0.4	2	0.6	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
74-87-3	Chloromethane	NA	12	4	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
156-59-4	cis-1,2-Dichloroethene	0.3	560	230	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
10061-01-5	cis-1,3-Dichloropropene	0.0025	3.5	1	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
124-48-1	Dibromochloromethane	0.005	8	3	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
74-95-3	Dibromomethane	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-71-8	Dichlorodifluoromethane	39	230000	490	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
100-41-4	Ethylbenzene	13	110000	7800	0.00112	U	~		**0.0512**	D	**0.00194**	J	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
87-68-3	Hexachlorobutadiene	0.9	25	6	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
98-82-8	Isopropylbenzene	NA	NA	NA	**0.00180**	J	~		**1.24**	D	**0.0844**		0.00163	U	0.00109	U	~		0.00135	U	~		~		**0.00985**		0.00107	U
108-38-3/106-42-3	m,p-Xylenes	9.5	85000	6000	0.00224	U	~		**0.161**	D	**0.0115**		0.00326	U	0.00219	U	~		0.00271	U	~		~		0.00221	U	0.00214	U
75-09-2	Methylene Chloride	0.01	97	34	0.00112	U	~		**0.0639**	D	0.00153	U	0.00163	U	**0.00423**	B	~		0.00135	U	~		~		0.00111	U	0.00107	U

Table 2
Waste Characterization Soil Sample Results Summary
May 13, 2015 (WC-1 thorugh WC-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1500778					**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					1500778-01		1500778-01RE1		1500778-02		1500778-03		1500778-04		1500778-05		1500778-05RE1		1500778-06		1500778-07		1500778-08		1500778-09		1500778-10	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**WC-1**		**WC-1**		**WC-2**		**WC-3**		**WC-4**		**WC-5**		**WC-5**		**WC-6**		**WC-7**		**WC-8**		**WC-9**		**WC-10**	
CAS#	**Compound**	**IPTGW**	**NJ NRDCSRS**	**NJ RDCSRS**	**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**		**05/13/15**	
104-51-8	n-Butyl Benzene	NA	NA	NA	0.00112	U	~		**1.43**	D	**0.00864**		0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
103-65-1	n-Propyl Benzene	NA	NA	NA	**0.00148**	J	~		**3.18**	D	**0.105**		0.00163	U	0.00109	U	~		0.00135	U	~		~		**0.00170**	J	0.00107	U
95-47-6	o-Xylene	9.5	85000	6000	0.00224	U	~		0.0454	U	0.00305	U	0.00326	U	0.00219	U	~		0.00271	U	~		~		0.00221	U	0.00214	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00112	U	~		**0.0365**	JD	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
135-98-8	sec-Butylbenzene	NA	NA	NA	0.00112	U	~		**0.780**	D	**0.0228**		0.00163	U	0.00109	U	~		0.00135	U	~		~		**0.00227**		0.00107	U
100-42-5	Styrene	3	260	90	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
98-06-6	tert-Butylbenzene	NA	NA	NA	0.00112	U	~		**0.0465**	D	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
127-18-4	Tetrachloroethene	0.005	5	2	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
108-88-3	Toluene	7	91000	6300	0.00112	U	~		**0.0240**	JD	**0.00278**	J	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
156-60-5	trans-1,2-Dichloroethene	0.6	720	300	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
10061-02-6	trans-1,3-Dichloropropene	0.0025	3.5	1	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
79-01-6	Trichloroethene	0.01	20	7	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-69-4	Trichlorofluoromethane	34	340000	23000	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
75-01-4	Vinyl chloride	0.005	2	0.7	0.00112	U	~		0.0227	U	0.00153	U	0.00163	U	0.00109	U	~		0.00135	U	~		~		0.00111	U	0.00107	U
Wet Chemistry (%)																												
	Percent Solids	NA	NA	NA	**86.0**		~		**88.2**		**72.8**		**85.1**		**88.0**		~		**88.0**		**90.2**		**88.0**		**85.3**		**83.3**	
Wet Chemistry ([blank])																												
	Free Liquid	NA	NA	NA	1.00	U	~		1.00	U	1.00	U	1.00	U	1.00	U	~		1.00	U	~		~		~		~	
Wet Chemistry (°F)																												
	Flashpoint	NA	NA	NA	~		~		~		~		~		~		~		~		>200		>200		~		~	
Wet Chemistry (mg/kg)																												
	Cyanide (reactive)	NA	NA	NA	~		~		~		~		~		~		~		~		0.222	U	0.227	U	~		~	
	Cyanide (total)	20	23000	1600	**2.33**		~		1.13	U	1.37	U	1.18	U	1.14	U	~		1.14	U	~		~		1.17	U	1.20	U
	Sulfide (reactive)	NA	NA	NA	~		~		~		~		~		~		~		~		22.2	U	22.7	U	~		~	
Wet Chemistry (pH Units)																												
	pH	NA	NA	NA	~		~		~		~		~		~		~		~		**7.91**		**7.97**		~		~	

Notes:
IPTGW = Impact to Ground Water Soil Screening Level (Table 1) Nov. 2013
NJ NRDCSRS = NJ Non-Rsidential Direct Contact Soil Remediation Standards (Table 1B((May 2012)
NJ RDCSRS = NJ Residential Direct Contact Soil Remediation Standards (Table 1A)(May 2012)
RED = exceeds IPTGW
Highlighted yellow = exceeds NJ NRDCSRS
Underlined = exceeds NJ RDCSRS
~ = compound was not analyzed
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram
Q = Qualifier

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
1	8/20/2015	JSL	AS139R	17	1136585	700000285704	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.54	
2	8/20/2015	JSL	AR173E	13	1136586	700000285719	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.87	
3	8/20/2015	JSL	AR476R	15	1136581	700000285749	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.32	
4	8/20/2015	JSL	AR930F	10	1136578	700000285765	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.54	
5	8/20/2015	JSL	AS140R	18	1136577	700000285817	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.96	
6	8/20/2015	VEGA	AS922A	2	1136588	700000285824	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.01	
7	8/20/2015	JSL	AR591H	9	1136582	700000285889	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.37	
8	8/20/2015	JSL	AR765C	1	1136575	700000285915	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.78	
9	8/20/2015	JSL	AS139R	17	1136584	700000285988	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.40	
10	8/20/2015	JSL	AR173E	13	1136587	700000286011	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.98	
11	8/20/2015	JSL	AR476R	15	1136580	700000286015	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.93	
12	8/20/2015	JSL	AR930F	10	1136579	700000286057	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.16	
13	8/20/2015	JSL	AS140R	18	1136576	700000286062	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.56	
14	8/20/2015	VEGA	AS922A	2	1136589	700000286081	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.61	
15	8/20/2015	JSL	AR765C	1	1136574	700000286144	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.06	
16	8/21/2015	Shirley	AR922F	30	1180964	700000286319	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.81	
17	8/21/2015	Shirley	AS116B	12	1180963	700000286322	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.68	
18	8/21/2015	DI	AR713H	10	1180962	700000286488	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.63	
19	8/21/2015	Shirley	AS116B	12	1180960	700000286525	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.61	
20	8/21/2015	Shirley	AR922F	30	1180961	700000286549	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.01	
21	8/21/2015	Shirley	AS261B	36	1180959	700000286695	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.64	
22	8/21/2015	Shirley	AS810V	10	1180955	700000286782	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.14	
23	8/21/2015	Shirley	AS116B	12	1118690	700000286800	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.65	
24	8/21/2015	DI	AR804C	8	1118689	700000286831	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.93	
25	8/21/2015	Shirley	AR922F	30	1180956	700000286842	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.03	
26	8/21/2015	Shirley	AS352F	24	1180957	700000286847	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.18	
27	8/21/2015	Shirley	AP160M	16	1180958	700000286857	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.91	
28	08/24/15	Shirley	AS837B	21	1181041	700000287283	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.98	
29	08/24/15	Shirley	AP752U	14	1181042	700000287324	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.28	
30	08/24/15	Shirley	AS116B	12	1181043	700000287356	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.99	
31	08/24/15	RLS	AR407C	48	1118653	700000287382	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.94	
32	08/24/15	Shirley	AP494Y	4	1181045	700000287384	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.78	
33	08/24/15	Shirley	AS124L	22	1181044	700000287450	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.88	
34	08/24/15	RLS	AS999Z	13	1181046	700000287462	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.05	
35	08/24/15	Shirley	AR922F	30	1181047	700000287469	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.64	
36	08/24/15	RLS	AS193R	38	1181048	700000287508	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.62	
37	08/24/15	Shirley	AS837B	21	1181049	700000287511	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.51	
38	08/24/15	Shirley	AP752U	14	1181050	700000287523	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.58	
39	08/26/15	TMAK	AP969R	3	1181051	700000288535	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.10	
40	08/26/15	TMAK	AM295T	2	1181052	700000288537	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.33	
41	08/26/15	MIDHAUL	AS853C	3	1181066	70D000288542	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.44	
42	08/26/15	MIDHAUL	AS848F	4	1181065	700000288559	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.89	
43	08/26/15	MIDHAUL	AP377P	1	1181064	700000288578	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.44	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
44	08/26/15	Gianza	AS689T	6	1181063	700000288650	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.56	
45	08/26/15	GAJ	AS410D	23	1181062	700000288677	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.69	
46	08/26/15	TMAK	AP969R	3	1181061	700000288760	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.89	
47	08/26/15	TMAK	AM295T	2	1181060	700000288766	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.07	
48	08/26/15	MIDHAUL	AS853C	3	1181059	700000288777	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.81	
49	08/26/15	MIDHAUL	AS848F	4	1181058	700000288789	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.14	
50	08/26/15	MIDHAUL	AP377P	1	1181057	700000288829	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.07	
51	08/26/15	Gianza	AS689T	6	1181053	700000288889	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.03	
52	08/26/15	GAJ	AS410D	23	1181054	700000288893	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.14	
53	08/26/15	GAJ	AS832G	28	1181056	700000288984	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.29	
54	08/26/15	TMAK	AP969R	3	1181055	700000288989	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.55	
55	08/26/15	TMAK	AM295T	2	1118655	700000289022	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.28	
56	08/26/15	MIDHAUL	AS853C	3	1118654	700000289025	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.95	
57	08/26/15	MIDHAUL	AS848F	4	1118657	700000289059	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.78	
58	08/28/15	MIDHAUL	AS262T	5	1118652	700000289730	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.58	
59	08/28/15	MIDHAUL	AS263T	6	1118651	700000289740	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.17	
60	08/28/15	Manolos	AN421H	1	1118661	700000289746	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.17	
61	08/28/15	Manolos	AK597T	2	1118644	700000289753	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.63	
62	08/28/15	Idrovo	AP440M	3	1118660	700000289758	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.47	
63	08/28/15	MIDHAUL	AS853C	3	1118659	700000289776	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.47	
64	08/28/15	MIDHAUL	AR464G	2	1118645	700000289797	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.21	
65	08/28/15	Manolos	AR207H	7	1118658	700000289799	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.69	
66	08/28/15	MIDHAUL	AS848F	4	1118647	700000289810	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.83	
67	08/28/15	MIDHAUL	AS262T	5	1118646	700000289921	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.99	
68	08/28/15	Manolos	AN421H	1	1118650	700000289953	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.10	
69	08/28/15	Idrovo	AP440M	3	1118648	700000289959	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.31	
70	08/28115	MIDHAUL	AS263T	6	1118649	700000289972	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.50	
71	08/28/15	MIDHAUL	AS853C	3	1118643	700000289981	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.63	
72	08/28/15	MIDHAUL	AR464G	2	1118641	700000289995	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.81	
73	08/28/15	Manolos	AR207H	7	1118640	700000289998	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.91	
74	08/28/15	MIDHAUL	AS848F	4	1118639	700000290034	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.60	
75	08/28115	MIDHAUL	AS262T	5	1118634	700000290061	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.77	
76	08/28/15	CF Bros	AR874C	9	1118642	700000290064	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.00	
77	08/28/15	Idrovo	AP440M	3	1118638	700000290089	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.78	
78	08/28/15	Manolos	AN421H	1	1118637	700000290123	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.79	
79	08/28/15	MIDHAUL	AS263T	6	1118635	700000290126	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.33	
80	08/28/15	MIDHAUL	AS853C	3	1118636	700000290130	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.16	
81	08/28/15	CF Bros	***	7	1118633	700000290139	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.82	***License plate number is illegible.
82	08/28115	Manolos	AR207H	7	1118597	700000290162	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.91	
83	08/29/15	MIDHAUL	AR464G	2	1118632	700000290167	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.89	
84	08/31/15	MIDHAUL	AS262T	5	1118598	700000290608	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.37	
85	08/31/15	MIDHAUL	AS263T	6	1118599	700000290652	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.49	
86	08/31/15	MIDHAUL	AS853C	3	1118601	700000290657	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.69	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
87	08/31/15	MIDHAUL	AP377P	1	1118602	700000290693	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.16	
88	08/31/15	MIDHAUL	AR464G	2	1118603	700000290778	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.47	
89	08/31/15	MIDHAUL	AS262T	5	1118604	700000290823	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.88	
90	08/31/15	MIDHAUL	AS263T	6	1118600	700000290886	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.29	
91	08/31/15	MIDHAUL	AS853C	3	1118610	700000290899	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.17	
92	08/31/15	MIDHAUL	AP377P	1	I 118609	700000290923	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.64	
93	08/31/15	MIDHAUL	AR464G	4	1118605	700000290955	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.45	
94	09/03/15	JDC	AR924W	4	991375	700000292914	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.01	
95	09/03/15	Granda	AP694F	17	1243931	700000292941	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.03	
96	09/03/15	Lescano	AR338C	3	990903	700000292942	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.67	
97	09/03/15	MCB	AS687P	8	939023	700000292967	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.35	
98	09/03/15	JDC	AS710D	7	939022	700000293012	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.45	
99	09/03/15	MCB	AS171C	7	1243963	700000293032	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.50	
100	09/03/15	JDC	AS813M	8	939019	700000293041	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.66	
101	09/03/15	JDC	AS709D	6	939385	700000293078	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.24	
102	09/03/15	JDC	AR924W	4	939021	700000293194	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.10	
103	09/03/15	Granda	AP694F	17	1243937	700000293270	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.20	
104	09/03/15	Lescano	AR338C	3	990904	700000293312	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.20	
105	09/03/15	JDC	AS710D	7	1118620	700000293320	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.16	
106	09/03/15	MCB	AS687P	7	1118621	700000293345	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.10	
107	09/03/15	JDC	AS813M	8	1243887	700000293351	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.80	
108	09/03/15	MCB	AS687P	8	1118619	700000293353	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.31	
109	09/03/15	JDC	AS709D	6	939386	700000293377	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.20	
110	09/03/15	JDC	AR924W	4	939029	700000293498	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.35	
111	09/03/15	Granda	AP694F	17	1243943	700000293572	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.63	
112	09/03/15	Lescano	AR338C	3	990902	700000293580	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.43	
113	09/03/15	JDC	AS710D	7	939018	100000293582	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.01	
114	09/03/15	MCB	AS171C	7	1243970	700000293588	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.54	
115	09/03/15	MCB	AS687P	8	1243956	700000293589	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.92	
116	09/03/15	Castillo	AR964F	6	1243842	700000293616	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.98	
117	09/03/15	JDC	AS709D	6	939387	700000293618	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.34	
118	09/04/15	Vega	AS922A	2	1136759	700000293822	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.52	
119	09/04/15	JSL	AR173E	13	1136758	700000293852	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.38	
120	09/04/15	JSL	AR591H	9	1136752	700000293893	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.21	
121	09/04/15	JSL	AR765C	1	1136755	700000293928	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.38	
122	09/04/15	MIDHAUL	AS853C	3	1118829	700000293939	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.55	
123	09/04/15	JSL	AP196G	19	1136757	700000293965	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.11	
124	09/04/15	JSL	AS140R	18	1136756	700000294021	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	21.79	
125	09/04/15	JSL	AR591H	9	1136751	700000294141	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.04	
126	09/04/15	JSL	AR173E	13	1136754	700000294169	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.96	
127	09/09/15	Shirley	AS837B	21	1244463	700000295447	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.70	
128	09/09/15	Shirley	AS261B	36	1244452	700000295483	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.54	
129	09/09/15	Shirley	AS124L	22	1244453	700000295493	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.76	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
130	09/09/15	Shirley	AP494Y	4	1244454	700000295520	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.45	
131	09/09/15	Shirley	AS837B	21	1244455	700000295669	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.06	
132	09/09/15	Shirley	AS261B	36	1244456	700000295708	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.20	
133	09/09/15	Shirley	AS124L	22	1244457	700000295743	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.46	
134	09/09/15	Shirley	AP494Y	4	1244458	700000295746	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.26	
135	09/09/15	Shirley	AS837B	21	1244459	700000295882	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.83	
136	09/09/15	Shirley	AS261B	36	1244460	700000295901	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.20	
137	09/21/15	JSL	AS476R	15	1136896	700000301313	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.73	
138	09/21/15	JSL	AP196G	19	1136897	700000301327	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.68	
139	09/21/15	JSL	AS140R	18	1136898	700000301339	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.91	
140	09/21/15	JSL	AS139R	17	1136902	700000301356	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.38	
141	09/22/15	CV	AS402B	52	1131643	700000302004	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.93	
142	09/22/15	CV	AN317V	486	1075961	700000302026	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.99	
143	09/22/15	CV	AN319V	45	1076053	700000302082	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.93	
144	09/22/15	CV	AS202C	55	1244049	700000302113	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.56	
145	09/22/15	CV	AS653U	25	956643	700000302134	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.33	
146	09/23/15	JSL	AS139R	17	1118608	700000302651	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.23	
147	09/23/15	JSL	AR765C	1	1118606	700000302668	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.06	
148	09/23/15	JSL	AP196G	19	1118607	700000302669	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.07	
149	09/23/15	JSL	AR591H	9	1118611	700000302684	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.81	
150	09/23/15	JSL	AR930F	10	1118612	700000302712	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.80	
151	09/24/15	JSL	AP196G	19	1118622	700000303173	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.59	
152	09/24/15	JSL	AR765C	1	I 118613	700000303215	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.61	
153	09/24/15	JSL	AR591H	9	1118614	700000303220	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.70	
154	09/24/15	JSL	AR930F	10	1118617	700000303223	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.22	
155	09/24/15	JSL	AR591H	9	1118615	700000303405	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.34	
156	09/28/15	Shirley	***	8	1244660	700000304235	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.12	***License plate number is illegible.
157	09/28/15	Shirley	AS122L	26	1244669	700000304241	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.49	
158	09/28/15	Shirley	AP752U	14	1244668	700000304254	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.87	
159	09/28/15	Shirley	***	6	1244667	700000304264	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.11	***License plate number is illegible.
160	09/28/15	Shirley	AP161M	2	1244661	700000304273	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.34	
161	09/28/15	RLS	AS252C	7	1244662	700000304316	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.19	
162	09/29/15	CV	AN392P	57	1131656	700000304906	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.71	
163	09/29/15	CV	AS402B	52	1131637	700000304925	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.03	
164	09/29/15	CV	AS202C	55	1244050	700000304953	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.72	
165	10/06/15	DI	AP444Z	7	936880	700000307726	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.70	
166	10/06/15	DI	AS620C	12	936825	700000307736	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.10	
167	10/06/15	DI	AS621C	13	1243739	700000307754	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.42	
168	10/07/15	JDC	AS709D	6	939422	700000308103	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.05	
169	10/07/15	JSL	AS476R	15	1137080	700000308124	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.25	
170	10/07/15	JSL	AS140R	18	1137083	700000308136	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.06	
171	10/07/15	JDC	AS813M	8	1243885	700000308152	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.94	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
172	10/07/15	JSL	AR173E	13	1137084	700000308171	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.27	
173	10/07/15	JDC	AS710D	7	939011	700000308211	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.26	
174	10/07/15	JSL	AS476R	15	1244461	700000308349	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.34	
175	10/07/15	JSL	AS140R	18	1137082	700000308368	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.37	
176	10/07/15	JSL	AR173E	13	1137085	700000308442	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.33	
177	10/08/15	JSL	AR765C	1	1243778	700000308746	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.64	
178	10/08/15	JSL	AS476R	15	1243775	700000308752	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.93	
179	10/08/15	JSL	AR173E	13	1243777	700000308780	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.57	
180	10/08/15	JSL	AR930F	10	1243769	700000308783	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.45	
181	10/08/15	JSL	AS140R	18	1243770	700000308806	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.12	
182	10/08/15	JSL	AS476R	15	1243774	700000309082	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.83	
183	10/08/15	JSL	AR173E	13	1243773	700000309134	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.91	
184	10/08/15	JSL	AS140R	18	1243771	700000309135	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.77	
185	10/08/15	JSL	AR930F	10	1243772	700000309145	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.75	
186	10/08/15	JSL	AR765C	1	1243779	700000309171	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.92	
187	10/09/15	Shirley	AP160M	16	1244857	700000309555	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.61	
188	10/09/15	Shirley	AS122L	26	1244855	700000309563	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.70	
189	10/09/15	Shirley	AP161M	2	1244856	700000309605	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.92	
190	10/09/15	Shirley	AP752U	14	1244858	700000309692	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.24	
191	10/09/15	Shirley	AP160M	16	1244859	700000309811	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.13	
192	10/09/15	Shirley	AS122L	26	1244862	700000309843	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.43	
193	10/09/15	Shirley	AP161M	2	1244861	700000309846	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.49	
194	10/09/15	Shirley	AP752U	14	1244860	700000309969	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	38.69	
195	10/12/15	Mendez	AP256H	29	1135727	700000310276	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.16	
196	10/12/15	Mendez	AN556Y	91	1135725	700000310294	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.00	
197	10/12/15	Mendez	AL337N	83	1135726	700000310365	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.23	
198	10/12/15	Mendez	AP865P	62	1135724	700000310366	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.56	
199	10/12/15	Mendez	AP304X	30	1134460	700000310490	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.96	
200	10/12/15	Mendez	AP256H	29	1135728	700000310510	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.68	
201	10/12/15	Mendez	AN556Y	91	1135729	700000310525	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.31	
202	10/12/15	Mendez	AP865P	62	1135730	700000310546	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.41	
203	10/12/15	Mendez	AL337N	83	1135743	700000310568	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.27	
204	10/12/15	Mendez	AP304X	30	1134457	700000310660	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.14	
205	10/12/15	Mendez	AP256H	29	1135742	700000310677	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.71	
206	10/12/15	Mendez	AN556Y	91	1135741	700000310698	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.55	
207	10/12/15	Mendez	AP865P	62	1135731	700000310712	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.72	
208	10/12/15	Mendez	AL337N	83	1135732	700000310733	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.90	
209	10/13/15	Granda	AS647U	27	939427	700000310936	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.92	
210	10/13/15	JDC	AS709D	6	939426	700000311023	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.24	
211	10/13/15	MCB	AP880S	5	939429	700000311036	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.03	
212	10/13/15	Granda	AP694F	17	939430	700000311061	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.83	
213	10/13/15	MCB	AS688P	9	939428	700000311064	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.88	
214	10/13/15	JDC	AS813M	8	939431	700000311136	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.49	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
215	10/13/15	JDC	AS710D	7	939432	700000311220	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.50	
216	10/13/15	Granda	AS647U	27	939433	700000311240	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.12	
217	10/13/15	MCB	AP322V	3	939434	700000311319	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.44	
218	10/13/15	JDC	AS709D	6	939419	700000311326	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.71	
219	10/13/15	MCB	AP880S	5	939435	700000311342	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.27	
220	10/13/15	Granda	AP694F	17	939436	700000311366	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.94	
221	10/13/15	MCB	AS688P	9	939437	700000311385	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.17	
222	10/13/15	JDC	AS813M	8	939490	700000311473	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.29	
223	10/13/15	JDC	AS710D	7	939009	700000311496	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.68	
224	10/13/15	Granda	AP694F	27	939438	700000311516	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.74	
225	10/13/15	JDC	AS709D	6	939418	700000311547	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.68	
226	10/13/15	MCB	AP880S	5	939439	700000311548	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.20	
227	10/13/15	Granda	AP694F	17	939440	700000311561	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.72	
228	10/13/15	MCB	AS688P	9	939441	700000311562	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.85	
229	10/14/15	DI	AR771G	19	936733	700000311737	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.76	
230	10/14/15	DI	AS838R	15	936878	700000311747	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.14	
231	10/14/15	DI	AS811S	19	1118670	700000311764	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.12	
232	10/14/15	DI	AS159M	18	1243866	700000311789	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.85	
233	10/14/15	DI	AP584U	6	1119856	700000311823	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.44	
234	10/14/15	DI	AS129M	17	936764	700000311829	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.36	
235	10/14/15	DI	AS121T	23	1245047	700000311867	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.49	
236	10/14/15	CV	AS702B	52	1131639	. 700000312075	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.96	
237	10/14/15	DI	AR771G	9	1245288	700000312126	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.14	
238	10/14/15	DI	AS838R	15	936734	700000312130	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.55	
239	10/14/15	DI	AS811S	19	1118672	700000312131	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.36	
240	10/14/15	DI	AS159M	18	1243868	700000312135	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.92	
241	10/14/15	DI	AS129M	17	936763	700000312138	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.13	
242	10/14/15	DI	AP584U	6	1119857	700000312146	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.22	
243	10/14/15	DI	AS121T	23	1245153	700000312164	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.69	
244	10/14/15	DI	AR771G	9	1245287	700000312314	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.25	
245	10/14/15	DI	AS811S	19	1118671	700000312317	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.78	
246	10/14/15	DI	AS838R	15	1245183	700000312325	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.89	
247	10/14/15	DI	AS129M	17	936762	700000312354	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.11	
248	10/14/15	DI	AS159M	18	1243867	700000312357	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.87	
249	10/15/15	JSL	AS476R	15	1245075	700000312592	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.39	
250	10/15/15	JSL	AS140R	18	1245074	700000312598	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.11	
251	10/15/15	HKS	AR993H	1	1245076	700000312600	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.40	
252	10/15/15	JSL	AR173E	13	1245073	700000312614	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.73	
253	10/15/15	H&M	AS809L	74	1245072	70000031263	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.00	
254	10/15/15	JSL	AR930F	10	1247184	700000312634	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.84	
255	10/15/15	JSL	AR765C	1	1247185	700000312835	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.02	
256	10/15/15	JSL	AS476R	15	1247186	700000312915	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.54	
257	10/15/15	JSL	AS140R	18	1247187	700000312929	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.91	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
258	10/15/15	HKS	AR993H	1	1247188	700000312948	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.07	
259	10/15/15	JSL	AR173E	13	939443	700000312976	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.50	
260	10/15/15	JSL	AR930F	10	939442	70000031300 I	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.60	
261	10/15/15	H&M	AS809L	74	1247189	700000313008	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.12	
262	10/16/15	JSL	AS476R	15	1247202	700000313195	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.71	
263	10/16/15	JSL	AS140R	18	1247201	700000313210	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.20	
264	10/16/15	JSL	AR765C	1	1247208	700000313234	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.47	
265	10/16/15	JSL	AS188R	17	1247199	700000313454	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.35	
266	10/16/15	JSL	AR930F	10	1247200	700000313490	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.22	
267	10/16/15	JSL	AS476R	15	Jl36899	700000313574	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.99	
268	10/16/15	JSL	AS140R	18	1247203	700000313597	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.77	
269	10/16/15	JSL	AR765C	1	1136900	700000313652	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.93	
270	10/22/15	Mendez	AP328G	94	1136242	700000316197	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.63	
271	10/22/15	Mendez	AP298R	13	939444	700000316211	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.09	
272	10/22/15	Mendez	AP806X	32	1118623	700000316234	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.33	
273	10/22/15	Mendez	AP305X	31	1118625	700000316241	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.39	
274	10/22/15	Mendez	AL337N	83	1118624	700000316278	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.09	
275	10/22/15	Mendez	AS521B	56	1118627	700000316298	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.15	
276	10/22/15	Mendez	AN869W	28	1118626	700000316310	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.47	
277	10/22/15	Mendez	AN556M	10	1118628	700000316317	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.57	
278	10/22/15	Mendez	AP279K	27	1118631	700000316341	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.62	
279	10/22/15	Mendez	AP256H	29	1245303	700000316346	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.88	
280	10/22/15	Mendez	AP304X	30	1245302	700000316353	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.04	
281	10/22/15	Mendez	AN719Y	87	1245301	700000316382	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.86	
282	10/22/15	Mendez	AM903C	1	1245295	700000316386	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.50	
283	10/22/15	Mendez	AP865P	62	1245296	700000316397	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.20	
284	10/22/15	Mendez	AP864P	61	1245300	700000316421	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.61	
285	10/22/15	Mendez	AP328G	94	1245297	700000316461	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.05	
286	10/22/15	Mendez	AP846T	36	1245299	700000316488	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.15	
287	10/22/15	Mendez	AP298R	13	805541	700000316502	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.88	
288	10/22/15	Mendez	AN556Y	91	1245298	700000316566	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.31	
289	10/23/15	Granda	AS647U	27	1242381	700000317224	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.08	
290	10/23/15	JDC	AS249V	9	1242399	700000317239	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.67	
291	10/23/15	MCB	AS171C	7	1243964	700000317308	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.73	
292	10/23/15	JDC	AS709D	6	1245373	700000317344	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.34	
293	10/23/15	RJ	AS719L	88	1118629	700000317370	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.89	
294	10/23/15	RJ	AP249P	77	955955	700000317409	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.36	
295	10/23/15	Granda	AS647U	27	1242383	700000317606	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.57	
296	10/23/15	JDC	AS249V	9	1242398	700000317688	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.42	
297	10/23/15	RJ	AP249P	77	955954	700000317720	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.02	
298	10/26/15	CV	AL347A	56	1241019	700000318153	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.58	
299	10/26/15	CV	AS404B	54	1241009	700000318170	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.90	
300	10/26/15	CV	AS402B	52	1131641	700000318204	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.73	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
301	10/26/15	JDC	AS813M	8	939582	700000318352	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.11	
302	10/26/15	CV	AL347A	56	1241018	700000318447	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.23	
303	10/26/15	CV	AS404B	54	1241010	700000318463	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.83	
304	10/26/15	CV	AS402B	52	1245211	700000318465	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.41	
305	10/27/15	DI	AR713H	10	1242736	700000318906	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.40	
306	10/27/15	DI	AS121T	23	1245180	700000318954	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.62	
307	10/27/15	DI	AS287D	14	1245056	700000318956	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.73	
308	10/27/15	DI	AS119T	21	1242740	700000318979	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.59.	
309	10/27/15	DI	AP584U	6	1119860	700000318983	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.96	
310	10/27/15	RJ	AS719L	88	1137191	700000319015	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	39.12	
311	10/27/15	RJ	AP249P	77	1137190	700000319029	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	38.02	
312	10/27/15	DI	AR713H	10	1242735	700000319159	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.91	
313	10/27/15	DI	AS121T	23	1245154	700000319175	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.11	
314	10/27/15	DI	AS287D	14	1245055	700000319192	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.19	
315	10/27/15	DI	AS119T	21	1242739	700000319214	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.93	
316	10/27/15	DI	AP584U	6	1119861	700000319220	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.12	
317	10/27/15	RJ	AS719L	88	1137198	700000319354	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.37	
318	10/27/15	RJ	AP249P	77	1137199	700000319373	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.25	
319	10/29/15	DI	AR713H	10	1242734	700000320176	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.62	
320	10/29/15	DI	AR804C	8	1118765	700000320177	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.17	
321	10/29/15	DI	AS621C	13	1243735	700000320274	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.27	
322	10/29/15	DI	***	2	1118409	700000320334	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.47	***License plate number is illegible.
323	10/29/15	DI	AP444Z	7	1243860	700000320344	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.17	
324	10/29/15	DI	AS119T	21	1241737	700000320391	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.51	
325	10/29/15	DI	AS603C	12	1243727	700000320415	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.45	
326	10/29/15	MIDHAUL	AP377P	1	1081355	700000320420	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.41	
327	10/29/15	DI	AS619C	11	1245067	700000320423	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.29	
328	10/29/15	MIDHAUL	AS848F	4	734265	7G0000320482	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.79	
329	10/30/15	RLS	AS193R	38	1257402	700000320994	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	38.82	
330	10/30/15	Sinai	AS726V	13	1257403	700000321027	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.51	
331	10/30/15	RLS	AP493Y	68	1257401	700000321036	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.38	
332	10/30/15	Sinai	AS942V	11	1257390	700000321073	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.80	
333	10/30/15	RLS	AS193R	38	1257391	700000321241	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.09	
334	10/30/15	Sinai	AS756V	13	1257392	700000321281	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.57	
335	10/30/15	RLS	AP493Y	68	1257393	700000321284	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.28	
336	10/30/15	Sinai	AS942V	11	1257394	700000321287	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.59	
337	10/30/15	Arctic	***	15	1257395	700000321513	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.00	***License plate number is illegible.
338	10/30/15	RLS	AS193R	38	1257396	700000321556	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.73	
339	10/30/15	Sinai	***	33	1257397	700000321575	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.09	***License plate number is illegible.
340	10/30/15	Sinai	AS756V	13	1257398	700000321576	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.53	
341	10/30/15	Shirley	AS352F	24	1257400	700000321595	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.55	
342	10/30/15	Shirley	AP160M	16	1257399	700000321596	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.34	
343	10/30/15	RLS	AP493Y	68	1240931	700000321598	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.86	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
344	10/30/15	Sinai	AS942U	11	1240928	700000321601	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.25	
345	10/30/15	Shirley	AP494Y	4	1240929	700000321613	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.03	
346	10/30/15	RLS	AS999Z	13	1240930	700000321629	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.50	
347	11/02/15	JDC	AS709D	6	1245378	700000322130	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.67	
348	11/02/15	Granda	AS647U	27	1242387	700000322178	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.90	
349	11/02/15	MCB	AS171C	7	1243968	700000322186	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.41	
350	11/02/15	DI	AS619C	11	1245059	700000322224	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.61	
351	11/02/15	DI	AP584U	6	1119862	700000322279	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.81	
352	11/02/15	JDC	AS813M	8	939699	700000322289	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.88	
353	11/02/15	TMAK	AS147U	7	954234	700000322319	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.40	
354	11/02/15	TMAK	AS553B	5	954233	700000322322	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	38.32	
355	11/02/15	Granda	AS647U	27	1242384	700000322464	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.71	
356	11/02/15	MCB	AS171C	7	1243967	700000322490	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.14	
357	11/02/15	JDC	AP709D	6	1245379	700000322504	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.77	
358	11/02/15	DI	AS619C	11	1245060	700000322550	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.02	
359	11/02/15	DI	AP584U	6	1119863	700000322617	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.92	
360	11/02/15	TMAK	AS147U	7	954232	700000322658	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.55	
361	11/02/15	TMAK	AS553B	5	954231	700000322660	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.49	
362	11/04/15	JDC	AP709D	6	1245381	700000323848	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.32	
363	11/04/15	JDC	AS813M	8	939698	700000323880	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.85	
364	11/04/15	TMAK	AS874T	8	938754	700000324071	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.16	
365	11/04/15	TMAK	AS147U	7	954230	700000324072	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.65	
366	11/04/15	TMAK	AS873T	6	1243923	700000324147	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.93	
367	11/04/15	TMAK	AM295T	2	938749	700000324199	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.39	
368	11/05/15	CV	AS653U	25	956621	700000324444	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.32	
369	11/05/15	CV	AN317V	486	1075968	700000324457	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.75	
370	11/05/15	CV	AS404B	54	1249328	700000324471	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.09	
371	11/05/15	CV	AS403B	53	1075566	700000324482	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.91	
372	11/05/15	CV	AL347A	56	1075565	700000324494	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.43	
373	11/06/15	JDC	AS709D	6	1245382	700000325064	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.75	
374	11/06/15	MIDHAUL	AS263T	4	889570	700000325083	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.41	
375	11/06/15	MIDHAUL	AS442U	7	1243698	700000325105	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.95	
376	11/06/15	MIDHAUL	AS262T	5	1243688	700000325136	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.73	
377	11/06/15	MIDHAUL	AS853C	3	1118825	700000325145	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.82	
378	11/06/15	JDC	AS813M	8	939663	700000325151	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.98	
379	11/06/15	MIDHAUL	AS848F	4	734253	700000325209	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.01	
380	11/06/15	MIDHAUL	AP377P	1	1081356	700000325215	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.28	
381	11/06/15	JDC	AS710D	7	939541	700000325219	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.61	
382	11/06/15	JDC	AS709D	6	1245384	700000325284	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.66	
383	11/06/15	MIDHAUL	AS263T	6	889571	700000325309	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.61	
384	11/06/15	MIDHAUL	AS853C	3	1118823	700000325334	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.35	
385	11/06/15	MIDHAUL	AS262T	5	1243687	700000325344	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.14	
386	11/06/15	JDC	AS710D	7	939542	700009325394	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.31	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
387	11/09/15	Shirley	AP494Y	4	937701	700000326009	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.84	
388	11/09/15	Shirley	AP494Y	4	937699	700000326202	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.10	
389	11/09/15	Shirley	AP494Y	4	937700	700000326358	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.40	
390	11/10/15	CV	AS404B	54	1249309	700000326767	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.86	
391	11/10/15	CV	AN777U	21	1241036	700000326782	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.90	
392	11/10/15	CV	AN392P	57	1131662	700000326833	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.66	
393	11/10/15	CV	AS408B	53	1075562	700000326852	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.04	
394	11/10/15	CV	AS653U	25	956618	700000326901	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	22.63	
395	11/10/15	CV	AS404B	54	1249310	700000326907	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.66	
396	11/10/15	CV	AN777U	21	1241035	700000326920	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.99	
397	11/10/15	CV	AN392P	57	1131663	700000326996	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.10	
398	11/10/15	CV	AS408B	23	1075561	700000327017	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.72	
399	11/10/15	CV	AS653U	25	956617	700000327038	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.58	
400	11/10/15	CV	AS404B	54	1249311	700000327044	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.39	
401	11/10/15	CV	AN777U	21	1241034	700000327060	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.12	
402	11/11/15	Salazar	AM680T	53	1118630	700000327213	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.73	
403	11/11/15	OTR	AS737R	10	939445	700000327230	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.87	
404	11/11/15	Explorer	AS520T	7	1244663	700000327237	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.98	
405	11/11/15	Salazar	AM680T	53	1244664	700000327382	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.48	
406	11/11/15	OTR	AS737R	10	602382	700000327399	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.73	
407	11/11/15	Explorer	AS520T	7	1244665	700000327412	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.38	
408	11/11/15	Salazar	AM680T	53	1244666	700000327519	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.91	
409	11/11/15	OTR	AS737R	10	602383	700000327555	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.71	
410	11/11/15	Explorer	AS520T	7	939446	700000327569	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.07	
411	11/17/15	Shirley	AS261B	36	937899	700000329693	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.07	
412	11/17/15	Shirley	AS261B	36	937897	700000329846	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.81	
413	01/06/16	JC	AS319F	19	1242275	700000347045	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.34	
414	01/06/16	JC	AS307C	17	944748	700000347049	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.56	
415	01/06/16	JDC	AS813M	8	939657	700000347058	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.41	
416	01/06/16	JDC	AS710D	7	1259652	700000347080	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.35	
417	01/06/16	JC	AS319F	19	1242281	700000347286	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.67	
418	01/06/16	JC	AS307C	17	944749	700000347289	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.81	
419	01/06/16	JDC	AS294V	9	1256456	700000347320	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.65	
420	01/06/16	JDC	AS813M	8	939645	700000347343	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.93	
421	01/07/16	Granda	AR422E	7	1256953	700000347806	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.26	
422	01/07/16	JDC	AS710D	7	1259686	700000347886	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.66	
423	01/07/16	Granda	AR422E	7	784936	700000348081	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.96	
424	01/07/16	JDC	AS710D	7	1259685	700000348466	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.96	
425	01/08/16	JDC	AS813M	8	939647	700000348737	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.01	
426	01/08/16	JDC	AR817R	3	939646	700000348760	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.29	
427	01/11/16	JSL	AP196G	19	1246671	700000349809	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.28	
428	01/11/16	JSL	AR173E	13	1246672	700000349827	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.36	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
429	01/11/16	JSL	AR591H	9	1246674	700000349870	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.82	
430	01/11/16	JSL	AR765C	1	1246677	700000349903	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.60	
431	01/11/16	JSL	AP196G	19	1246678	700000350158	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.42	
432	01/11/16	JSL	AR173E	13	1246673	700000350173	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.58	
433	01/11/16	JSL	AR591H	9	1246675	700000350208	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.50	
434	01/12/16	Shirley	AP161M	2	1246041	700000350573	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.51	
435	01/12/16	Shirley	AR922F	30	1246044	700000350611	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.91	
436	01/12/16	Shirley	AP161M	2	1246043	700000350847	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.23	
437	01/12/16	Shirley	AR922F	30	1246045	700000350932	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.28	
438	01/14/16	JSL	AR765C	1	1246676	700000351905	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.96	
439	01/15/16	DI	AS621C	13	1134245	700000352740	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.73	
440	01/15/16	DI	AP608N	5	1119869	700000352805	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.46	
441	01/15/16	DI	AP584U	6	1119865	700000352815	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.91	
442	01/15/16	DI	AS121T	23	1249464	700000352848	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.00	
443	01/15/16	DI	AS811S	19	1233982	700000352890	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.71	
444	01/15/16	DI	AS287S	14	957645	700000352907	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.98	
445	05/20/16	Shirley	AS366X	46	1294934	700000408888	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.22	
446	05/20/16	Shirley	AS836B	34	1294933	700000408927	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.58	
447	05/20/16	Shirley	AS810V	10	1233974	700000408933	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.63	
448	05/20/16	Shirley	AS125L	6	1294932	700000408953	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.29	
449	05/20/16	Shirley	AS837B	21	1294931	700000408969	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.96	
450	05/20/16	Shirley	***	26	1294930	700000408989	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.26	***License plate number is illegible.
451	05/20/16	Shirley	AS740V	42	1294929	700000409021	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.46	
452	05/20/16	Shirley	AS859P	20	1294928	700000409033	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.56	
453	05/20/16	Shirley	AP752U	14	1294927	700000409052	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.43	
454	05/20/16	Shirley	AP494Y	4	1294926	700000409072	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.97	
455	05/20/16	Shirley	AP770E	30	1294925	700000409092	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.66	
456	05/20/16	Shirley	AS366X	46	1294923	700000409220	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.95	
457	05/20/16	Shirley	AS836B	34	1294924	700000409238	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.48	
458	05/20/16	Shirley	AS125L	6	1294920	700000409279	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.87	
459	05/20/16	Shirley	AS837B	21	1294919	700000409291	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.69	
460	05/20/16	Shirley	AS810V	10	1294922	700000409296	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.29	
461	05/20/16	Shirley	***	26	1294921	700000409335	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.22	***License plate number is illegible.
462	05/20/16	Shirley	AS740V	42	1294918	700000409342	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.09	
463	05/20/16	Shirley	AP494Y	4	1294915	700000409382	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.58	
464	05/20/16	Shirley	AS859P	20	1294916	700000409387	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.72	
465	05/20/16	Shirley	AP752U	14	1294914	700000409441	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.68	
466	05/20/16	Shirley	AP770E	30	1294917	700000409457	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.79	
467	05/31/16	RLS	AT355A	7	1295046	700000413700	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.90	
468	05/31/16	Shirley	AS124L	22	1295044	700000413713	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.49	
469	05/31/16	Shirley	AS352F	24	1295043	700000413734	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.39	
470	05/31/16	Shirley	AS366X	46	1295042	700000413742	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.76	
471	05/31/16	Shirley	AS810V	10	1295041	700000413776	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.77	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
472	05/31/16	Shirley	AS859P	20	1295040	700000413811	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.14	
473	05/31/16	Shirley	AS838B	40	1295039	700000413860	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.84	
474	05/31/16	Shirley	AP752U	14	1295038	700000413879	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.54	
475	05/31/16	Shirley	AS740V	42	1295037	700000413892	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.81	
476	05/31/16	Shirley	AS836B	34	1295036	700000413925	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.61	
477	05/31/16	Shirley	AS837B	21	1295035	700000413955	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.81	
478	05/31/16	RLS	AT356A	17	1295034	700000413963	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.51	
479	05/31/16	RLS	AP493Y	68	1295033	700000413977	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.88	
480	05/31/16	Shirley	AP494Y	4	1295032	700000414001	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.13	
481	05/31/16	Shirley	AS761B	36	1295031	700000414029	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.70	
482	05/31/16	RLS	AT355A	7	1295030	700000414055	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.43	
483	05/31/16	Shirley	AS352F	24	1295028	700000414084	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.18	
484	05/31/16	Shirley	AS124L	22	1295029	700000414092	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.04	
485	05/31/16	Shirley	AS366X	46	1295027	700000414115	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.02	
486	05/31/16	Shirley	AS810V	10	1295024	700000414128	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.89	
487	05/31/16	Shirley	AS859P	20	1295026	700000414155	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.91	
488	05/31/16	Shirley	AS838B	40	1295025	700000414168	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.74	
489	05/31/16	RLS	AP493Y	68	1295023	700000414202	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.75	
490	06/15/16	Shirley	AT363G	30	1295346	700000424446	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.24	
491	06/15/16	Shirley	AS116B	12	1295344	700000424466	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.37	
492	06/15/16	Shirley	AS859P	20	1295345	700000424469	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	38.31	
493	06/15/16	Shirley	AS352F	24	1295351	700000424488	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.22	
494	06/15/16	RLS	AP493Y	68	1295350	700000424503	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.85	
495	06/15/16	Shirley	AS261B	36	1295348	700000424584	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.82	
496	06/15/16	Shirley	AS838B	40	1295347	700000424589	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.33	
497	06/15/16	Shirley	AS740V	42	1295337	700000424592	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.86	
498	06/15/16	RLS	AS987Z	13	1295342	700000424595	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.75	
499	06/15/16	Shirley	AS811V	8	1295343	700000424599	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.87	
500	06/15/16	Shirley	AS352F	24	1295338	700000424608	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.04	
501	06/15/16	Shirley	AS811V	8	1295349	700000424614	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.27	
502	06/15/16	RLS	AS987Z	13	1295357	700000424628	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.94	
503	06/15/16	Shirley	AS352F	24	1295338	700000424636	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.32	
504	06/15/16	Shirley	AS740V	42	1295356	700000424641	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.41	
505	06/15/16	Shirley	AT363G	30	1295341	700000424644	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.91	
506	06/15/16	Shirley	AS116B	12	1295340	700000424646	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.29	
507	06/15/16	Shirley	AS838B	40	1295354	700000424686	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.24	
508	06/15/16	Shirley	AS837B	21	1295353	700000424698	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.53	
509	06/15/16	RLS	AP207R	28	1295355	700000424706	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.03	
510	06/15/16	Shirley	AP752U	14	1295352	700000424711	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.52	
511	06/15/16	Shirley	AT363G	30	1295021	709000424729	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.15	
512	06/15/16	Shirley	AS352F	24	1295022	700000424740	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.86	
513	06/15/16	Shirley	AS859P	20	1233979	780000425358	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.77	
514	06/23/16	Sinai	AT693F	14	1233975	700000429367	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.96	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
515	06/23/16	Sinai	AS756V	13	1233984	700000429406	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.16	
516	06/23/16	Sinai	***	101	1233976	700000429412	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.97	***License plate number is illegible.
517	06/23/16	JSL	AP196G	19	1233985	700000429423	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.52	
518	06/23/16	JSL	AR173E	13	1233986	700000429429	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.74	
519	06/23/16	Sinai	AS428Z	77	1233987	700000429456	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.95	
520	06/23/16	JSL	AR591H	9	1233988	700000429459	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.28	
521	06/23/16	Sinai	AS942U	11	1233978	700000429519	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.83	
522	06/23/16	Sinai	AS942U	222	1233977	700000429533	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.66	
523	06/23/16	JSL	AR173E	13	1233989	700000429649	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.52	
524	06/23/16	Sinai	AS428Z	77	1233999	700000429672	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.67	
525	06/23/16	JSL	AR591H	9	1233990	700000429689	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.14	
526	06/23/16	Sinai	AS942U	11	1233991	700000429723	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.74	
527	06/23/16	Sinai	AS505F	222	1233993	700000429751	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	37.20	
528	06/23/16	Sinai	AS428Z	77	1233994	700000429843	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.10	
529	07/13/16	Shirley	AP494Y	4	1295814	700000439863	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.03	
530	07/13/16	Shirley	AS836B	34	1290241	700000439857	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.04	
531	07/13/16	Shirley	AS365Y	50	1290243	700000439884	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.74	
532	07/13/16	Logitech	AS368X	5	1295817	700000439911	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.02	
533	07/13/16	Shirley	AS122L	26	1290242	700000439913	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.60	
534	07/14/16	Shirley	AS369X	3	1290435	700000440630	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.95	
535	07/14/16	Shirley	AS122L	26	1290436	700000440609	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.47	
536	07/14/16	Shirley	AS838B	40	1290437	700000440587	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.77	
537	07/14/16	Shirley	AS261B	36	1290438	700000440507	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.16	
538	07/14/16	Shirley	AS810L	10	1290439	700000440435	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.87	
539	07/14/16	Shirley	AS366X	46	1290440	700000440387	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.27	
540	07/14/16	Shirley	AS368X	5	1290441	700000440389	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.55	
541	07/14/16	Shirley	AS369X	3	1290442	700000440378	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.04	
542	07/14/16	Shirley	AS122L	26	1290443	700000440354	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.03	
543	07/14/16	Shirley	AS838B	40	1290444	700000440269	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.95	
544	07/14/16	Shirley	AS261B	36	1290445	700000440225	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.58	
545	07/14/16	Shirley	AS810L	10	1290446	700000440200	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.24	
546	07/14/16	Shirley	AS366X	46	1290447	700000440799	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.95	
547	07/14/16	Shirley	AS369X	3	1290448	700000440091	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.40	
548	07/14/16	Shirley	AS122L	26	1290429	700000440080	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.33	
549	07/28/16	Shirley	AS838B	40	1290433	700000449394	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.27	
550	07/28/16	Shirley	AS365Y	50	1290432	700000449366	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.55	
551	07/28/16	Shirley	AP494Y	4	1290431	700000449357	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.17	
552	07/28/16	Shirley	AS836B	34	1290430	700000449325	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.14	
553	07/28/16	Shirley	AS261B	36	1291416	700000449312	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.15	
554	07/28/16	Shirley	AS838B	40	1291415	700000449195	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.28	
555	07/28/16	Shirley	AS365X	50	1291414	700000449164	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.10	
556	07/28/16	Shirley	AP494Y	4	1291413	700000449137	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.23	
557	07/28/16	Shirley	AS836B	34	1291412	700000449104	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.32	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
558	07/28/16	Shirley	AS261B	36	1291411	700000449086	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.00	
559	08/01/16	Salazar	AM680T	53	1290434	700000451107	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.69	
560	08/01/16	DJE	AP575P	75	1291417	700000451135	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.19	
561	08/01/16	Uriel	AP259F	6	1233997	700000451166	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.30	
562	08/01/16	JC	AS622A	16	1233995	700000451208	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.76	
563	08/01/16	JC	AS579L	20	1233996	700000451290	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.51	
564	08/01/16	Salazar	AM680T	53	1295815	700000451382	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.80	
565	08/01/16	DJE	AP575P	75	1291419	700000451394	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.37	
566	08/01/16	Uriel	AP259F	6	1291420	700000451401	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.89	
567	08/01/16	JC	AS622A	16	1291418	700000451408	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.55	
568	08/01/16	JC	AS579L	20	1234004	700000451463	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.22	
569	08/03/16	JDC	AS813M	8	1234011	700000453065	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.95	
570	08/03/16	Sinai	AT530E	2	1234005	700000453137	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	36.69	
571	08/03/16	Sinai	AT969F	5	1234006	700000453193	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.14	
572	08/04/16	JC	AS622A	16	1353506	700000453406	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.42	
573	08/04/16	JC	AP610G	14	1353510	700000453435	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.83	
574	08/04/16	JC	AR611G	15	1353504	700000453447	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.45	
575	08/04/16	JDC	AS710D	7	1353507	700000453495	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.56	
576	08/04/16	JC	AS818M	8	1353509	700000453602	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.77	
577	08/04/16	JC	AP610G	14	1353508	700000453664	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.91	
578	08/04/16	JC	AS622A	16	1353513	700000453683	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.35	
579	08/04/16	JC	AR611G	15	1255476	700000453725	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.72	
580	08/04/16	JC	AP610G	14	1255474	700000453854	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.47	
581	08/04/16	JC	AS622A	16	1353514	700000453915	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.12	
582	08/04/16	JC	AR611G	15	1353505	700000453950	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.87	
583	08/04/16	Sinai	AT693F	4	1234008	700000453967	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.11	
584	08/04/16	JDC	AS710D	7	1186788	700000453974	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.36	
585	08/04/16	Sinai	AT530E	2	1234010	700000454015	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.34	
586	08/04/16	Sinai	AS942U	11	1234009	700000454018	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.25	
587	08/04/16	Sinai	AT969F	5	1259041	700000454020	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	34.61	
588	08/05/16	Sinai	AS428Z	77	1288663	700000454597	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.27	
589	08/11/16	Granda	AP422E	7	1234012	700000457611	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.70	
590	08/11/16	Uriel	AR259F	6	1352852	700000457693	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.68	
591	08/11/16	Uriel	AR259F	6	1234013	700000457965	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.28	
592	08/11/16	Amelia	AT490B	86	1234014	700000458266	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.53	
593	08/12/16	JSL	AT885D	11	1234016	700000458463	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.83	
594	08/12/16	JSL	AR173E	13	1302024	700000458483	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.22	
595	08/12/16	JSL	AT885D	11	1234017	700000458740	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.52	
596	08/12/16	JSL	AR173E	13	1234018	700000458788	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.87	
597	09/13/16	Tev	AM714Y	17	1305095	700000477589	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.92	
598	09/13/16	Tev	AP910M	12	1131759	700000477604	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.74	
599	09/13/16	Tev	AR238E	3	1352865	700000477677	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.97	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
600	09/13/16	Tev	AM714Y	17	1352864	700000477932	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.78	
601	09/13/16	Tev	AP910M	12	1131760	700000478000	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.18	
602	09/13/16	Tev	AR238E	3	1352863	700000478008	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.52	
603	09/14/16	Shirley	AS116B	12	1294213	700000479073	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.57	
604	09/14/16	Shirley	AS122L	26	1294212	700000479100	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.54	
605	09/14/16	Shirley	AS857P	20	1295694	700000479146	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.41	
606	09/14/16	Shirley	AS261B	36	1295693	700000479166	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.98	
607	09/14/16	Shirley	AS7HOV	42	1294211	700000479190	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.88	
608	09/15/16	Shirley	AS836B	34	1288968	700000479720	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.69	
609	09/15/16	Shirley	AP494Y	4	1288119	700000479779	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.73	
610	09/15/16	Shirley	AP752U	14	1288784	700000479782	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.65	
611	09/15/16	Shirley	AP356A	17	522285	700000479823	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.72	
612	09/15/16	Shirley	AS836B	34	1288967	700000480129	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.00	
613	09/15/16	Shirley	AP494Y	4	1288120	700000480155	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.66	
614	09/21/16	Shirley	AP161M	2	1295689	700000483734	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.93	
615	09/21/16	Logitech	AS368X	5	1295690	700000483787	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.88	
616	09/21/16	Shirley	AP161M	2	1295691	700000484009	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.19	
617	09/21/16	Logitech	AS368X	5	1295692	700000484038	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.29	
618	09/21/16	Shirley	AP161M	2	1294208	700000484233	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.60	
619	09/21/16	Logitech	AS368X	5	1294209	700000484250	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.74	
620	09/22/16	Shirley	AS859P	20	1294202	700000484755	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.07	
621	09/22/16	Shirley	AP752U	14	1294207	700000484787	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.74	
622	09/22/16	Shirley	AS859P	20	1294203	700000485132	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.31	
623	09/22/16	Shirley	AP752U	14	1294206	700000485140	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.19	
624	09/23/16	MCB	AP880S	5	1294594	700000485695	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.51	
625	09/23/16	MCB	AP322U	3	1294587	700000485743	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.71	
626	09/23/16	MCB	AP880S	5	1294596	700000486146	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.14	
627	09/23/16	MCB	AP322U	3	1294204	700000486163	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.29	
628	09/23/16	MCB	AP880S	5	1294595	700000486555	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	31.99	
629	09/23/16	MCB	AP322U	3	1353607	700000486584	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	32.08	
630	10/04/16	JC	***	10	1301517	700000492747	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.28	***License plate number is illegible.
631	10/04/16	JC	AS401P	23	1301516	700000492741	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.36	
632	10/04/16	JC	AS622A	16	1301514	700000492813	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.76	
633	10/04/16	JC	AS307C	14	1301515	700000492779	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.39	
634	10/12/16	JC	AS368X	5	1301513	700000500044	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.81	
635	10/12/16	Shirley	AS837B	21	1353980	700000499905	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.48	
636	10/12/16	JC	AS368X	5	1301512	700000499805	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.47	
637	10/12/16	Shirley	AS837B	21	1353979	700000500158	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.32	
638	10/27/16	JC	AT353D	23	1301580	700000510917	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.78	
639	10/27/16	JC	AS622A	16	1301579	700000510971	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.92	
640	10/27/16	JC	AS904V	24	1301578	700000510999	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.65	
641	10/28/16	JC	AT862D	28	1301588	700000511908	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.75	

Table 3
Waste Disposal Tracking Log Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Truck Load	Date	Trucking Company	Plate #	Truck #	Manifest #	Weight Ticket #	Material Type	Disposal Facility	Tons	Comments
642	10/28/16	JC	AS487S	9	1301577	700000511846	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.84	
643	10/28/16	JC	AP395N	11	1301576	700000511911	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.91	
644	10/31/16	JDC	AT712B	3	939197	700000513180	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.52	
645	10/31/16	JDC	AP713B	6	1301589	700000513254	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.37	
646	10/31/16	JDC	AS249V	9	1258538	700000513174	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.92	
647	10/31/16	JDC	AS710D	7	1301590	700000512824	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	24.37	
648	10/31/16	JDC	AP116C	10	1258537	700000513141	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.36	
649	11/01/16	CV	AT537B	57	1254025	700000513668	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.86	
650	11/01/16	CV	AN317V	486	1353978	700000513650	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.03	
651	11/01/16	TEV	AT184D	43	1353977	700000513634	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	25.75	
652	11/02/16	Shirley	AS859P	20	1434181	700000514808	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.23	
653	11/02/16	Granda	AP422E	7	1350489	700000542890	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.58	
654	11/03/16	JDC	AT713B	6	800130	700000515758	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.08	
655	11/03/16	JDC	AP712B	8	939186	700000515640	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.25	
656	11/03/16	JDC	AP712B	4	939185	700000515486	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.81	
657	11/03/16	JDC	AT713B	6	800129	700000515463	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	35.87	
658	11/03/16	JDC	AP712B	8	939184	700000515403	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.77	
659	11/03/16	JDC	AP712B	4	939195	700000515780	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.85	
660	11/7/2016	MCB	AS171C	7	1294200	700000517248	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	29.32	
661	11/7/2016	MCB	AS171C	7	939196	700000516941	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	23.17	
662	11/7/2016	MCB	AS688P	9	1294199	700000517266	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	30.80	
663	11/7/2016	MCB	AS688P	9	1294201	700000516974	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	33.23	
664	12/2/2016	Shirley	AS445G	15	1353606	700000533547	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	21.34	
665	12/2/2016	TEV	AS445G	15	1294205	700000533899	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	26.49	
666	12/2/2016	Shirley	***	52	1353605	700000533737	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	27.93	***License plate number is illegible.
667	12/2/2016	Shirley	AS402B	52	1353610	700000533435	Non-Hazardous Petroleum-Contaminated Soil	Clean Earth of Carteret	28.21	

Disposal Facility	Tonnage
Clean Earth of Carteret located in Carteret, New Jersey	21,021.58

Table 4
UST Soil Sample Results Summary
August 27, 2015 (UST-12 and UST-13)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501528					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501528-01**		**1501528-02**		**1501528-02RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-12**		**UST-13**		**UST-13**	
Sample Depth (feet below grade surface):					**5**		**5**		**5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/27/15**		**08/27/15**		**08/27/15**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)										
92-52-4	1,1-Biphenyl	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
95-94-3	1,2,4,5-Tetrachlorobenzene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
122-66-7	1,2-Diphenylhydrazine	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
58-90-2	2,3,4,6-Tetrachlorophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.0479**	J	**0.0865**	J	0.187	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0365	U	0.0374	U	0.187	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0365	U	0.0374	U	0.187	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0910	U	0.0933	U	0.466	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0365	U	0.0374	U	0.187	U

Table 4
UST Soil Sample Results Summary
August 27, 2015 (UST-12 and UST-13)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501528					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501528-01**		**1501528-02**		**1501528-02RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-12**		**UST-13**		**UST-13**	
Sample Depth (feet below grade surface):					**5**		**5**		**5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/27/15**		**08/27/15**		**08/27/15**	
100-01-6	4-Nitroaniline	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
83-32-9	Acenaphthene	98	100	20	**0.194**		**0.498**		**0.513**	JD
208-96-8	Acenaphthylene	107	100	100	**0.180**	J	**0.234**		**0.236**	JD
98-86-2	Acetophenone	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
120-12-7	Anthracene	1000	100	100	**0.505**		**1.16**		**1.27**	D
1912-24-9	Atrazine	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
103-33-3	Azobenzene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
100-52-7	Benzaldehyde	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
92-87-5	Benzidine	NA	NA	NA	0.0910	U	0.0933	U	0.466	U
56-55-3	Benzo[a]anthracene	1	1	1	**1.58**		**3.25**		**3.47**	D
50-32-8	Benzo[a]pyrene	22	1	1	**1.62**		**2.99**		**3.08**	D
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**1.79**		**4.30**		**4.08**	D
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.422**		**0.728**		**0.822**	JD
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**1.72**		**2.61**		**3.11**	D
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	**0.0804**	J	**0.107**	J	0.187	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
105-60-2	Caprolactam	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
86-74-8	Carbazole	NA	NA	NA	**0.189**		**0.377**		**0.356**	JD
218-01-9	Chrysene	1	3.9	1	**1.64**		**3.30**		**3.55**	D
84-74-2	Di-n-butyl phthalate	NA	NA	NA	**0.166**	J	**0.0689**	J	0.187	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.177**	J	**0.391**		**0.376**	JD

Table 4
UST Soil Sample Results Summary
August 27, 2015 (UST-12 and UST-13)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501528					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501528-01**		**1501528-02**		**1501528-02RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-12**		**UST-13**		**UST-13**	
Sample Depth (feet below grade surface):					**5**		**5**		**5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/27/15**		**08/27/15**		**08/27/15**	
132-64-9	Dibenzofuran	210	59	7	**0.105**	J	**0.312**		**0.326**	JD
84-66-2	Diethyl phthalate	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
206-44-0	Fluoranthene	1000	100	100	**2.89**		**5.95**	E	**6.24**	D
86-73-7	Fluorene	386	100	30	**0.178**	J	**0.401**		**0.423**	JD
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0365	U	0.0374	U	0.187	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.435**		**0.775**		**0.813**	JD
78-59-1	Isophorone	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
91-20-3	Naphthalene	12	100	12	**0.0753**	J	**0.104**	J	0.187	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0365	U	0.0374	U	0.187	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0365	U	0.0374	U	0.187	U
85-01-8	Phenanthrene	1000	100	100	**1.84**		**4.95**	E	**5.68**	D
108-95-2	Phenol	0.33	100	0.33	0.0365	U	0.0374	U	0.187	U
129-00-0	Pyrene	1000	100	100	**3.70**		**10.5**	E	**11.3**	D
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)										
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00124	U	0.00138	U	~	
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00124	U	0.00138	U	~	
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00124	U	0.00138	U	~	
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00124	U	0.00138	U	~	
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00124	U	0.00138	U	~	

Table 4
UST Soil Sample Results Summary
August 27, 2015 (UST-12 and UST-13)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501528					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501528-01**		**1501528-02**		**1501528-02RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-12**		**UST-13**		**UST-13**	
Sample Depth (feet below grade surface):					**5**		**5**		**5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/27/15**		**08/27/15**		**08/27/15**	
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00124	U	0.00138	U	~	
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00124	U	0.00138	U	~	
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00124	U	0.00138	U	~	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00124	U	0.00138	U	~	
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00124	U	0.00138	U	~	
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00124	U	0.00138	U	~	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00124	U	0.00138	U	~	
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00124	U	0.00138	U	~	
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00124	U	0.00138	U	~	
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00124	U	0.00138	U	~	
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00124	U	0.00138	U	~	
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00124	U	0.00138	U	~	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00124	U	0.00138	U	~	
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00124	U	0.00138	U	~	
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00124	U	0.00138	U	~	
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00124	U	0.00138	U	~	
78-93-3	2-Butanone	0.12	100	0.12	0.00124	U	0.00138	U	~	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00124	U	0.00138	U	~	
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00124	U	0.00138	U	~	
591-78-6	2-Hexanone	NA	NA	NA	0.00124	U	0.00138	U	~	
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00124	U	0.00138	U	~	
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00124	U	0.00138	U	~	
67-64-1	Acetone	0.05	100	0.05	0.00124	U	0.00138	U	~	
107-02-8	Acrolein	NA	NA	NA	0.00743	U	0.00826	U	~	
107-13-1	Acrylonitrile	NA	NA	NA	0.00248	U	0.00275	U	~	
71-43-2	Benzene	0.06	4.8	0.06	0.00124	U	0.00138	U	~	

Table 4
UST Soil Sample Results Summary
August 27, 2015 (UST-12 and UST-13)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501528					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501528-01**		**1501528-02**		**1501528-02RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-12**		**UST-13**		**UST-13**	
Sample Depth (feet below grade surface):					**5**		**5**		**5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/27/15**		**08/27/15**		**08/27/15**	
108-86-1	Bromobenzene	NA	NA	NA	0.00124	U	0.00138	U	~	
74-97-5	Bromochloromethane	NA	NA	NA	0.00124	U	0.00138	U	~	
75-27-4	Bromodichloromethane	NA	NA	NA	0.00124	U	0.00138	U	~	
75-25-2	Bromoform	NA	NA	NA	0.00124	U	0.00138	U	~	
74-83-9	Bromomethane	NA	NA	NA	0.00124	U	0.00138	U	~	
75-15-0	Carbon disulfide	NA	NA	NA	0.00124	U	0.00138	U	~	
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00124	U	0.00138	U	~	
108-90-7	Chlorobenzene	1.1	100	1.1	0.00124	U	0.00138	U	~	
75-00-3	Chloroethane	NA	NA	NA	0.00124	U	0.00138	U	~	
67-66-3	Chloroform	0.37	49	0.37	0.00124	U	0.00138	U	~	
74-87-3	Chloromethane	NA	NA	NA	0.00124	U	0.00138	U	~	
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00124	U	0.00138	U	~	
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00124	U	0.00138	U	~	
124-48-1	Dibromochloromethane	NA	NA	NA	0.00124	U	0.00138	U	~	
74-95-3	Dibromomethane	NA	NA	NA	0.00124	U	0.00138	U	~	
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00124	U	0.00138	U	~	
100-41-4	Ethylbenzene	1	41	1	0.00124	U	0.00138	U	~	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00124	U	0.00138	U	~	
98-82-8	Isopropylbenzene	NA	NA	NA	0.00124	U	0.00138	U	~	
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.00248	U	0.00275	U	~	
75-09-2	Methylene Chloride	0.05	100	0.05	0.00124	U	0.00138	U	~	
104-51-8	n-Butyl Benzene	NA	NA	12	0.00124	U	0.00138	U	~	
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00124	U	0.00138	U	~	
95-47-6	o-Xylene	0.8	50	0.13	0.00248	U	0.00275	U	~	
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00124	U	0.00138	U	~	
135-98-8	sec-Butylbenzene	11	100	11	0.00124	U	0.00138	U	~	

Table 4
UST Soil Sample Results Summary
August 27, 2015 (UST-12 and UST-13)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501528					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501528-01**		**1501528-02**		**1501528-02RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-12**		**UST-13**		**UST-13**	
Sample Depth (feet below grade surface):					**5**		**5**		**5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/27/15**		**08/27/15**		**08/27/15**	
100-42-5	Styrene	NA	NA	NA	0.00124	U	0.00138	U	~	
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00124	U	0.00138	U	~	
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00124	U	0.00138	U	~	
108-88-3	Toluene	0.7	100	0.7	0.00124	U	0.00138	U	~	
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00124	U	0.00138	U	~	
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00124	U	0.00138	U	~	
79-01-6	Trichloroethene	0.47	21	0.47	0.00124	U	0.00138	U	~	
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00124	U	0.00138	U	~	
108-05-4	Vinyl acetate	NA	NA	NA	0.00124	U	0.00138	U	~	
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00124	U	0.00138	U	~	
Wet Chemistry (%)										
	Percent Solids	NA	NA	NA	**91.2**		**89.0**		~	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 5
UST Soil Sample Results Summary
September 2, 2015 (UST-14 and UST-15)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501577					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501577-01**		**1501577-01RE1**		**1501577-02**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-14**		**UST-14**		**UST-15**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/02/15**		**09/02/15**		**09/02/15**	
100-01-6	4-Nitroaniline	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
83-32-9	Acenaphthene	98	100	20	**0.552**		**0.565**	JD	**0.0898**	J
208-96-8	Acenaphthylene	107	100	100	**0.255**		**0.282**	JD	0.0406	U
120-12-7	Anthracene	1000	100	100	**1.56**		**1.52**	D	**0.137**	J
56-55-3	Benzo[a]anthracene	1	1	1	**3.13**		**3.08**	D	**0.328**	
50-32-8	Benzo[a]pyrene	22	1	1	**2.72**		**2.77**	D	**0.236**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**4.27**		**3.59**	D	**0.248**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.583**		**0.731**	JD	0.0406	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**2.41**		**2.94**	D	**0.267**	
65-85-0	Benzoic acid	NA	NA	NA	0.0998	U	0.499	U	0.101	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	**0.105**	J	0.200	U	0.0406	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
218-01-9	Chrysene	1	3.9	1	**3.44**		**3.35**	D	**0.397**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	**0.204**		**0.210**	JD	0.0406	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.202**		**0.286**	JD	0.0406	U
132-64-9	Dibenzofuran	210	59	7	**0.407**		**0.427**	JD	0.0406	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
206-44-0	Fluoranthene	1000	100	100	**8.85**	E	**7.77**	D	**0.560**	

Table 5
UST Soil Sample Results Summary
September 2, 2015 (UST-14 and UST-15)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501577					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501577-01**		**1501577-01RE1**		**1501577-02**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-14**		**UST-14**		**UST-15**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/02/15**		**09/02/15**		**09/02/15**	
86-73-7	Fluorene	386	100	30	**0.506**		**0.521**	JD	**0.0768**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0400	U	0.200	U	0.0406	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.553**		**0.723**	JD	0.0406	U
78-59-1	Isophorone	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
91-20-3	Naphthalene	12	100	12	**0.231**		**0.240**	JD	**0.0451**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0400	U	0.200	U	0.0406	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0400	U	0.200	U	0.0406	U
85-01-8	Phenanthrene	1000	100	100	**8.35**	E	**7.44**	D	**0.591**	
108-95-2	Phenol	0.33	100	0.33	0.0400	U	0.200	U	0.0406	U
129-00-0	Pyrene	1000	100	100	**11.7**	E	**10.2**	D	**0.754**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)										
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00120	U	~		0.0244	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00120	U	~		0.0244	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00120	U	~		0.0244	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00120	U	~		0.0244	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00120	U	~		0.0244	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00120	U	~		0.0244	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00120	U	~		0.0244	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00120	U	~		0.0244	U

Table 5
UST Soil Sample Results Summary
September 2, 2015 (UST-14 and UST-15)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501577					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501577-01**		**1501577-01RE1**		**1501577-02**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-14**		**UST-14**		**UST-15**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/02/15**		**09/02/15**		**09/02/15**	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00120	U	~		0.0244	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00120	U	~		0.0244	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00120	U	~		**0.0320**	JD
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00120	U	~		0.0244	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00120	U	~		0.0244	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00120	U	~		0.0244	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00120	U	~		0.0244	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00120	U	~		0.0244	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00120	U	~		0.0244	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00120	U	~		0.0244	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00120	U	~		0.0244	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00120	U	~		0.0244	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00120	U	~		0.0244	U
78-93-3	2-Butanone	0.12	100	0.12	0.00120	U	~		0.0244	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00120	U	~		0.0244	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00120	U	~		0.0244	U
591-78-6	2-Hexanone	NA	NA	NA	0.00120	U	~		0.0244	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00120	U	~		0.0244	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00120	U	~		0.0244	U
67-64-1	Acetone	0.05	100	0.05	**0.00189**	J	~		0.0244	U
107-02-8	Acrolein	NA	NA	NA	0.00721	U	~		0.146	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00240	U	~		0.0488	U
71-43-2	Benzene	0.06	4.8	0.06	0.00120	U	~		**0.139**	D
108-86-1	Bromobenzene	NA	NA	NA	0.00120	U	~		0.0244	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00120	U	~		0.0244	U

Table 5
UST Soil Sample Results Summary
September 2, 2015 (UST-14 and UST-15)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501577					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501577-01**		**1501577-01RE1**		**1501577-02**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-14**		**UST-14**		**UST-15**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/02/15**		**09/02/15**		**09/02/15**	
75-27-4	Bromodichloromethane	NA	NA	NA	0.00120	U	~		0.0244	U
75-25-2	Bromoform	NA	NA	NA	0.00120	U	~		0.0244	U
74-83-9	Bromomethane	NA	NA	NA	0.00120	U	~		0.0244	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00120	U	~		0.0244	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00120	U	~		0.0244	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00120	U	~		0.0244	U
75-00-3	Chloroethane	NA	NA	NA	0.00120	U	~		0.0244	U
67-66-3	Chloroform	0.37	49	0.37	0.00120	U	~		0.0244	U
74-87-3	Chloromethane	NA	NA	NA	0.00120	U	~		0.0244	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00120	U	~		0.0244	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00120	U	~		0.0244	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00120	U	~		0.0244	U
74-95-3	Dibromomethane	NA	NA	NA	0.00120	U	~		0.0244	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00120	U	~		0.0244	U
100-41-4	Ethylbenzene	1	41	1	0.00120	U	~		0.0244	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00120	U	~		0.0244	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00120	U	~		**0.277**	D
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.00240	U	~		**0.184**	D
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00171**	J	~		**0.101**	BD
104-51-8	n-Butyl Benzene	NA	NA	12	0.00120	U	~		**0.300**	D
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00120	U	~		**0.474**	D
95-47-6	o-Xylene	0.8	50	0.13	0.00240	U	~		0.0488	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00120	U	~		0.0244	U
135-98-8	sec-Butylbenzene	11	100	11	0.00120	U	~		**0.305**	D
100-42-5	Styrene	NA	NA	NA	0.00120	U	~		0.0244	U

Table 5
UST Soil Sample Results Summary
September 2, 2015 (UST-14 and UST-15)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501577					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501577-01**		**1501577-01RE1**		**1501577-02**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-14**		**UST-14**		**UST-15**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/02/15**		**09/02/15**		**09/02/15**	
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00120	U	~		**0.0354**	JD
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00120	U	~		0.0244	U
108-88-3	Toluene	0.7	100	0.7	0.00120	U	~		**0.0327**	JD
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00120	U	~		0.0244	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00120	U	~		0.0244	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00120	U	~		0.0244	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00120	U	~		0.0244	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00120	U	~		0.0244	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00120	U	~		0.0244	U
Wet Chemistry (%)										
	Percent Solids	NA	NA	NA	**83.2**		~		**82.0**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 6
UST Soil Sample Results Summary
September 28, 2015 (UST-18 and UST-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-02**		**1501737-03**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-18**		**UST-19**	
Sample Depth (feet below grade surface):					**4-5**		**4-5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**		**09/28/15**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)								
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0427	U	0.0422	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0427	U	0.0422	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0427	U	0.0422	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0427	U	0.0422	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0427	U	0.0422	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0427	U	0.0422	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0427	U	0.0422	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0427	U	0.0422	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0427	U	0.0422	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0427	U	0.0422	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0427	U	0.0422	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0427	U	0.0422	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0427	U	0.0422	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.110**	J	0.0422	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0427	U	0.0422	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0427	U	0.0422	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0427	U	0.0422	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0427	U	0.0422	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.106	U	0.105	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0427	U	0.0422	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0427	U	0.0422	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0427	U	0.0422	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0427	U	0.0422	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0427	U	0.0422	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0427	U	0.0422	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0427	U	0.0422	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0427	U	0.0422	U
83-32-9	Acenaphthene	98	100	20	**0.362**		**0.143**	J
208-96-8	Acenaphthylene	107	100	100	**0.118**	J	**0.0962**	J
120-12-7	Anthracene	1000	100	100	**0.839**		**0.473**	
56-55-3	Benzo[a]anthracene	1	1	1	**1.95**		**1.41**	
50-32-8	Benzo[a]pyrene	22	1	1	**1.96**		**1.40**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**2.71**		**1.63**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.422**		**0.381**	
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**1.80**		**1.08**	
65-85-0	Benzoic acid	NA	NA	NA	0.106	U	0.105	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0427	U	0.0422	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0427	U	0.0422	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0427	U	0.0422	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0427	U	0.0422	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0427	U	0.0422	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0427	U	0.0422	U
218-01-9	Chrysene	1	3.9	1	**1.98**		**1.47**	

Table 6
UST Soil Sample Results Summary
September 28, 2015 (UST-18 and UST-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-02**		**1501737-03**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-18**		**UST-19**	
Sample Depth (feet below grade surface):					**4-5**		**4-5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**		**09/28/15**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0427	U	**0.0612**	J
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0427	U	0.0422	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.0902**	J	**0.175**	J
132-64-9	Dibenzofuran	210	59	7	**0.223**		**0.0920**	J
84-66-2	Diethyl phthalate	NA	NA	NA	0.0427	U	0.0422	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0427	U	0.0422	U
206-44-0	Fluoranthene	1000	100	100	**4.53**		**3.03**	
86-73-7	Fluorene	386	100	30	**0.371**		**0.166**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0427	U	0.0422	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0427	U	0.0422	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0427	U	0.0422	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0427	U	0.0422	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.477**		**0.395**	
78-59-1	Isophorone	NA	NA	NA	0.0427	U	0.0422	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0427	U	0.0422	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0427	U	0.0422	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0427	U	0.0422	U
91-20-3	Naphthalene	12	100	12	**0.202**	J	**0.0574**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0427	U	0.0422	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0427	U	0.0422	U
85-01-8	Phenanthrene	1000	100	100	**3.77**		**2.03**	
108-95-2	Phenol	0.33	100	0.33	0.0427	U	0.0422	U
129-00-0	Pyrene	1000	100	100	**5.06**		**2.77**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)								
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00212	U	0.00140	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00212	U	0.00140	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00212	U	0.00140	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00212	U	0.00140	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00212	U	0.00140	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00212	U	0.00140	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00212	U	0.00140	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00212	U	0.00140	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00212	U	0.00140	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00212	U	0.00140	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00212	U	0.00140	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00212	U	0.00140	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00212	U	0.00140	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00212	U	0.00140	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00212	U	0.00140	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00212	U	0.00140	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00212	U	0.00140	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00212	U	0.00140	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00212	U	0.00140	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00212	U	0.00140	U

Table 6
UST Soil Sample Results Summary
September 28, 2015 (UST-18 and UST-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-02**		**1501737-03**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-18**		**UST-19**	
Sample Depth (feet below grade surface):					**4-5**		**4-5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**		**09/28/15**	
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00212	U	0.00140	U
78-93-3	2-Butanone	0.12	100	0.12	0.00212	U	0.00140	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00212	U	0.00140	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00212	U	0.00140	U
591-78-6	2-Hexanone	NA	NA	NA	0.00212	U	0.00140	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00212	U	0.00140	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00212	U	0.00140	U
67-64-1	Acetone	0.05	100	0.05	**0.00664**		**0.00349**	
107-02-8	Acrolein	NA	NA	NA	0.0127	U	0.00838	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00425	U	0.00279	U
71-43-2	Benzene	0.06	4.8	0.06	0.00212	U	0.00140	U
108-86-1	Bromobenzene	NA	NA	NA	0.00212	U	0.00140	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00212	U	0.00140	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00212	U	0.00140	U
75-25-2	Bromoform	NA	NA	NA	0.00212	U	0.00140	U
74-83-9	Bromomethane	NA	NA	NA	0.00212	U	0.00140	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00212	U	0.00140	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00212	U	0.00140	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00212	U	0.00140	U
75-00-3	Chloroethane	NA	NA	NA	0.00212	U	0.00140	U
67-66-3	Chloroform	0.37	49	0.37	0.00212	U	0.00140	U
74-87-3	Chloromethane	NA	NA	NA	0.00212	U	0.00140	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00212	U	0.00140	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00212	U	0.00140	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00212	U	0.00140	U
74-95-3	Dibromomethane	NA	NA	NA	0.00212	U	0.00140	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00212	U	0.00140	U
100-41-4	Ethylbenzene	1	41	1	0.00212	U	0.00140	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00212	U	0.00140	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00212	U	0.00140	U
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	0.00425	U	0.00279	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.0136**	B	**0.00965**	B
104-51-8	n-Butyl Benzene	NA	NA	12	0.00212	U	0.00140	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00212	U	0.00140	U
95-47-6	o-Xylene	0.8	50	0.13	0.00425	U	0.00279	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00212	U	0.00140	U
135-98-8	sec-Butylbenzene	11	100	11	0.00212	U	0.00140	U
100-42-5	Styrene	NA	NA	NA	0.00212	U	0.00140	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00212	U	0.00140	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00212	U	0.00140	U
108-88-3	Toluene	0.7	100	0.7	0.00212	U	0.00140	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00212	U	0.00140	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00212	U	0.00140	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00212	U	0.00140	U

Table 6
UST Soil Sample Results Summary
September 28, 2015 (UST-18 and UST-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-02**		**1501737-03**	
Client: BRINKERHOFF ENVIRONMENTAL					**UST-18**		**UST-19**	
Sample Depth (feet below grade surface):					**4-5**		**4-5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**		**09/28/15**	
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00212	U	0.00140	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00212	U	0.00140	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00212	U	0.00140	U
Wet Chemistry (%)								
	Percent Solids	NA	NA	NA	**78.0**		**79.0**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates

U - Indicates compound analyzed for but not detected

Table 7
Hydraulic Lift Soil Sample Results Summary
September 17, 2015 (Lift-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501678					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501678-01**		**1501678-01RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**Lift-1**		**Lift-1**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/17/15**		**09/17/15**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)								
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0387	U	0.194	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0387	U	0.194	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0387	U	0.194	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0387	U	0.194	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0387	U	0.194	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0387	U	0.194	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0387	U	0.194	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0387	U	0.194	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0387	U	0.194	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0387	U	0.194	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0387	U	0.194	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0387	U	0.194	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0387	U	0.194	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.125**	J	0.194	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0387	U	0.194	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0387	U	0.194	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0387	U	0.194	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0387	U	0.194	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0965	U	0.483	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0387	U	0.194	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0387	U	0.194	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0387	U	0.194	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0387	U	0.194	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0387	U	0.194	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0387	U	0.194	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0387	U	0.194	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0387	U	0.194	U
83-32-9	Acenaphthene	98	100	20	**0.258**		**0.302**	JD
208-96-8	Acenaphthylene	107	100	100	**0.108**	J	0.194	U
120-12-7	Anthracene	1000	100	100	**0.721**		**0.795**	JD
56-55-3	Benzo[a]anthracene	1	1	1	**2.01**		**1.98**	D
50-32-8	Benzo[a]pyrene	22	1	1	**1.88**		**1.85**	D
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**2.39**		**1.51**	D
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.584**		**0.696**	JD
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**2.58**		**2.06**	D
65-85-0	Benzoic acid	NA	NA	NA	0.0965	U	0.483	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0387	U	0.194	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0387	U	0.194	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0387	U	0.194	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0387	U	0.194	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	**0.172**	JB	0.194	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	**0.333**		0.194	U
218-01-9	Chrysene	1	3.9	1	**2.31**		**2.12**	D
84-74-2	Di-n-butyl phthalate	NA	NA	NA	**0.233**		**0.238**	JD
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0387	U	0.194	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.193**	J	**0.335**	JD
132-64-9	Dibenzofuran	210	59	7	**0.163**	J	0.194	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0387	U	0.194	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0387	U	0.194	U

Table 7
Hydraulic Lift Soil Sample Results Summary
September 17, 2015 (Lift-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501678					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501678-01**		**1501678-01RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**Lift-1**		**Lift-1**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/17/15**		**09/17/15**	
206-44-0	Fluoranthene	1000	100	100	**4.61**		**4.53**	D
86-73-7	Fluorene	386	100	30	**0.241**		**0.316**	JD
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0387	U	0.194	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0387	U	0.194	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0387	U	0.194	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0387	U	0.194	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.509**		**0.752**	JD
78-59-1	Isophorone	NA	NA	NA	0.0387	U	0.194	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0387	U	0.194	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0387	U	0.194	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0387	U	0.194	U
91-20-3	Naphthalene	12	100	12	**0.134**	J	0.194	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0387	U	0.194	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0387	U	0.194	U
85-01-8	Phenanthrene	1000	100	100	**3.90**		**3.87**	D
108-95-2	Phenol	0.33	100	0.33	0.0387	U	0.194	U
129-00-0	Pyrene	1000	100	100	**8.77**	E	**3.96**	D
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)								
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00116	U	~	
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00116	U	~	
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00116	U	~	
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00116	U	~	
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00116	U	~	
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00116	U	~	
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00116	U	~	
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00116	U	~	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00116	U	~	
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00116	U	~	
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00116	U	~	
96-12-8	1,2-Dibromo-3-chloropropa	NA	NA	NA	0.00116	U	~	
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00116	U	~	
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00116	U	~	
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00116	U	~	
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00116	U	~	
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00116	U	~	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00116	U	~	
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00116	U	~	
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00116	U	~	
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00116	U	~	
78-93-3	2-Butanone	0.12	100	0.12	0.00116	U	~	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00116	U	~	
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00116	U	~	
591-78-6	2-Hexanone	NA	NA	NA	0.00116	U	~	
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00116	U	~	
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00116	U	~	
67-64-1	Acetone	0.05	100	0.05	0.00116	U	~	
107-02-8	Acrolein	NA	NA	NA	0.00698	U	~	
107-13-1	Acrylonitrile	NA	NA	NA	0.00233	U	~	
71-43-2	Benzene	0.06	4.8	0.06	0.00116	U	~	
108-86-1	Bromobenzene	NA	NA	NA	0.00116	U	~	

Table 7
Hydraulic Lift Soil Sample Results Summary
September 17, 2015 (Lift-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501678					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501678-01**		**1501678-01RE1**	
Client: BRINKERHOFF ENVIRONMENTAL					**Lift-1**		**Lift-1**	
Sample Depth (feet below grade surface):					**5-6**		**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/17/15**		**09/17/15**	
74-97-5	Bromochloromethane	NA	NA	NA	0.00116	U	~	
75-27-4	Bromodichloromethane	NA	NA	NA	0.00116	U	~	
75-25-2	Bromoform	NA	NA	NA	0.00116	U	~	
74-83-9	Bromomethane	NA	NA	NA	0.00116	U	~	
75-15-0	Carbon disulfide	NA	NA	NA	0.00116	U	~	
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00116	U	~	
108-90-7	Chlorobenzene	1.1	100	1.1	0.00116	U	~	
75-00-3	Chloroethane	NA	NA	NA	0.00116	U	~	
67-66-3	Chloroform	0.37	49	0.37	0.00116	U	~	
74-87-3	Chloromethane	NA	NA	NA	0.00116	U	~	
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00116	U	~	
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00116	U	~	
124-48-1	Dibromochloromethane	NA	NA	NA	0.00116	U	~	
74-95-3	Dibromomethane	NA	NA	NA	0.00116	U	~	
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00116	U	~	
100-41-4	Ethylbenzene	1	41	1	0.00116	U	~	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00116	U	~	
98-82-8	Isopropylbenzene	NA	NA	NA	0.00116	U	~	
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.00233	U	~	
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00319**	B	~	
104-51-8	n-Butyl Benzene	NA	NA	12	0.00116	U	~	
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00116	U	~	
95-47-6	o-Xylene	0.8	50	0.13	0.00233	U	~	
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00116	U	~	
135-98-8	sec-Butylbenzene	11	100	11	0.00116	U	~	
100-42-5	Styrene	NA	NA	NA	0.00116	U	~	
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00116	U	~	
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00116	U	~	
108-88-3	Toluene	0.7	100	0.7	0.00116	U	~	
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00116	U	~	
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00116	U	~	
79-01-6	Trichloroethene	0.47	21	0.47	0.00116	U	~	
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00116	U	~	
108-05-4	Vinyl acetate	NA	NA	NA	0.00116	U	~	
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00116	U	~	
Wet Chemistry (%)								
	Percent Solids	NA	NA	NA	**86.0**		~	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 8
Hydraulic Lift Soil Sample Results Summary
September 28, 2015 (Lift-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-01**	
Client: BRINKERHOFF ENVIRONMENTAL					**Lift-2**	
Sample Depth (feet below grade surface):					**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0410	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0410	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0410	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0410	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0410	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0410	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0410	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0410	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0410	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0410	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0410	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0410	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0410	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.121**	J
95-48-7	2-Methylphenol	0.33	100	0.33	0.0410	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0410	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0410	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0410	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.102	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0410	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0410	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0410	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0410	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0410	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0410	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0410	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0410	U
83-32-9	Acenaphthene	98	100	20	**0.0419**	J
208-96-8	Acenaphthylene	107	100	100	0.0410	U
120-12-7	Anthracene	1000	100	100	0.0410	U
56-55-3	Benzo[a]anthracene	1	1	1	**0.417**	
50-32-8	Benzo[a]pyrene	22	1	1	**0.389**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.493**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.0813**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.323**	
65-85-0	Benzoic acid	NA	NA	NA	0.102	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0410	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0410	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0410	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0410	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0410	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0410	U
218-01-9	Chrysene	1	3.9	1	**0.259**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0410	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0410	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0410	U
132-64-9	Dibenzofuran	210	59	7	0.0410	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0410	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0410	U
206-44-0	Fluoranthene	1000	100	100	**0.616**	
86-73-7	Fluorene	386	100	30	0.0410	U

Table 8
Hydraulic Lift Soil Sample Results Summary
September 28, 2015 (Lift-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-01**	
Client: BRINKERHOFF ENVIRONMENTAL					**Lift-2**	
Sample Depth (feet below grade surface):					**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**	
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0410	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0410	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0410	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0410	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.0698**	J
78-59-1	Isophorone	NA	NA	NA	0.0410	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0410	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0410	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0410	U
91-20-3	Naphthalene	12	100	12	**0.0739**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0410	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0410	U
85-01-8	Phenanthrene	1000	100	100	**0.774**	
108-95-2	Phenol	0.33	100	0.33	0.0410	U
129-00-0	Pyrene	1000	100	100	**1.43**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00123	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00123	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00123	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00123	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00123	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00123	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00123	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00123	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00123	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00123	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	**0.205**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00123	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00123	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00123	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00123	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00123	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	**0.0875**	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00123	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00123	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00123	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00123	U
78-93-3	2-Butanone	0.12	100	0.12	0.00123	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00123	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00123	U
591-78-6	2-Hexanone	NA	NA	NA	0.00123	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00123	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00123	U
67-64-1	Acetone	0.05	100	0.05	**0.0421**	
107-02-8	Acrolein	NA	NA	NA	0.00739	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00246	U
71-43-2	Benzene	0.06	4.8	0.06	0.00123	U
108-86-1	Bromobenzene	NA	NA	NA	0.00123	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00123	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00123	U
75-25-2	Bromoform	NA	NA	NA	0.00123	U
74-83-9	Bromomethane	NA	NA	NA	0.00123	U

Table 8
Hydraulic Lift Soil Sample Results Summary
September 28, 2015 (Lift-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501737					Result	Q
Lab: Accredited Analytical Resources LLC					**1501737-01**	
Client: BRINKERHOFF ENVIRONMENTAL					**Lift-2**	
Sample Depth (feet below grade surface):					**5-6**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/28/15**	
75-15-0	Carbon disulfide	NA	NA	NA	0.00123	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00123	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00123	U
75-00-3	Chloroethane	NA	NA	NA	0.00123	U
67-66-3	Chloroform	0.37	49	0.37	0.00123	U
74-87-3	Chloromethane	NA	NA	NA	0.00123	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00123	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00123	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00123	U
74-95-3	Dibromomethane	NA	NA	NA	0.00123	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00123	U
100-41-4	Ethylbenzene	1	41	1	**0.0216**	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00123	U
98-82-8	Isopropylbenzene	NA	NA	NA	**0.0142**	
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	**0.114**	
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00454**	B
104-51-8	n-Butyl Benzene	NA	NA	12	**0.0271**	
103-65-1	n-Propyl Benzene	NA	NA	NA	**0.0335**	
95-47-6	o-Xylene	0.8	50	0.13	**0.0740**	
99-87-6	p-Isopropyltoluene	NA	NA	NA	**0.00453**	
135-98-8	sec-Butylbenzene	11	100	11	0.00123	U
100-42-5	Styrene	NA	NA	NA	0.00123	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00123	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00123	U
108-88-3	Toluene	0.7	100	0.7	**0.0304**	
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00123	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00123	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00123	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00123	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00123	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00123	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**81.2**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, or NYPGW
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 9
Endpoint Sample Collection Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No: 10BR188

Sample Name	Date Collected	Sample Location	Sample Depth (feet bgs)	Chemical Analysis
EP-1	10/19/15	Sidewall	15	TAL-TCL
EP-2	10/19/15	Base	15	TAL-TCL
EP-3	10/19/15	Base	15	TAL-TCL
EP-4	10/19/15	Base	15	TAL-TCL
EP-5	10/19/15	Base	15	TAL-TCL
EP-6	10/22/15	Base	15	TAL-TCL
EP-7	10/22/15	Base	15	TAL-TCL
EP-8	10/23/15	Base	15	TAL-TCL
EP-9	10/23/15	Sidewall	10-12	TAL-TCL
EP-9b	11/04/15	Base	15	TAL-TCL
EP-10	10/26/15	Sidewall	10-12	TAL-TCL
EP-11	10/28/15	Base	15	TAL-TCL
EP-12	10/30/15	Base	15	TAL-TCL
EP-13	11/04/15	Base	15	TAL-TCL
EP-14	11/09/15	Base	15	TAL-TCL
EP-15	11/09/15	Base	15	TAL-TCL
EP-16	11/09/15	Base	13	TAL-TCL
EP-17	11/17/15	Base	12-13	TAL-TCL
Cr-1	12/22/15	Base	15	Hex Chrom, Tri Chrom
Cr-2	12/22/15	Base	15	Hex Chrom, Tri Chrom
Cr-3	12/22/15	Base	15	Hex Chrom, Tri Chrom
EP-18	12/23/15	Sidewall	15-18	TAL-TCL, Hex Chrom, Tri Chrom
EP-19	12/28/15	Base	16-18	TAL-TCL, Hex Chrom, Tri Chrom
EP-20	02/10/16	Sidewall	9.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-21	07/21/16	Base	15-18	TAL-TCL, Hex Chrom, Tri Chrom
EP-22	07/28/16	Sidewall	9-10	TAL-TCL, Hex Chrom, Tri Chrom
EP-23	08/01/16	Sidewall	8-9	TAL-TCL, Hex Chrom, Tri Chrom
EP-24	08/24/16	Sidewall	10-11	TAL-TCL, Hex Chrom, Tri Chrom
EP-25	08/24/16	Sidewall	9-10	TAL-TCL, Hex Chrom, Tri Chrom
EP-26	08/31/16	Sidewall	9-10	TAL-TCL, Hex Chrom, Tri Chrom
EP-27	09/06/16	Base	16	TAL-TCL, Hex Chrom, Tri Chrom
EP-28	09/09/16	Sidewall	9-10	TAL-TCL, Hex Chrom, Tri Chrom
EP-29	09/13/16	Base	16	TAL-TCL, Hex Chrom, Tri Chrom
EP-30	09/13/16	Base	16	TAL-TCL, Hex Chrom, Tri Chrom
EP-31	09/16/16	Base	15	TAL-TCL, Hex Chrom, Tri Chrom
EP-32	11/07/16	Base	15-15.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-33	11/07/16	Sidewall	9.5-10	TAL-TCL, Hex Chrom, Tri Chrom
DUP-1	11/07/16	Sidewall	9.5-10	TAL-TCL, Hex Chrom, Tri Chrom
EP-34	12/02/16	Base	3-3.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-35	12/02/16	Base	3-3.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-36	12/02/16	Base	4-4.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-37	12/02/16	Base	5-5.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-38	12/02/16	Base	4-4.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-39	12/02/16	Base	5-5.5	TAL-TCL, Hex Chrom, Tri Chrom
EP-40	12/02/16	Base	6-6.5	TAL-TCL, Hex Chrom, Tri Chrom
DUP-2	12/02/16	Base	6-6.5	TAL-TCL, Hex Chrom, Tri Chrom

Notes:
1) feet bgs = Feet below grade surface
2) TAL-TCL = Target Analyte List-Target Compound List. The TAL-TCL parameters consist of:
volatile organic compounds, semi-volatile organic compounds, metals, pesticides, and polychlorinated biphenyls
3) Hex Chrom = Hexavalent Chromium
4) Tri Chrom = Trivalent Chromium
5) Base = Sample collected at the base of excavation
6) Sidewall = Sample collected along the sidewall of excavation

Table 10
Endpoint Sample Results Summary
October 19, 2015 (EP-1 - EP-5)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501878					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501878-01**		**1501878-02**		**1501878-03**		**1501878-04**		**1501878-05**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-1**		**EP-2**		**EP-3**		**EP-4**		**EP-5**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**	
Pesticides & PCBs - EPA Method SW846 8081/8082 (mg/kg)														
72-54-8	4,4'-DDD	14	13	0.0033	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0372	U	0.0268	U	0.0210	U	0.0224	U	0.0728	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
319-86-8	delta-BHC	0.25	100	0.04	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
959-98-8	Endosulfan I	102	24	2.4	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
33213-65-9	Endosulfan II	102	24	2.4	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
72-20-8	Endrin	0.06	11	0.014	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00298	U	0.00215	U	0.00168	U	0.00179	U	0.00583	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00148	U	0.00106	U	0.000833	U	0.000889	U	0.00289	U
72-43-5	Methoxychlor	NA	NA	NA	0.0149	U	0.0107	U	0.00841	U	0.00898	U	0.0292	U
8001-35-2	Toxaphene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
Semivolatile Organic Compounds - EPA Method SW846 8270 (mg/kg)														
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U

Table 10
Endpoint Sample Results Summary
October 19, 2015 (EP-1 - EP-5)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501878					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501878-01**		**1501878-02**		**1501878-03**		**1501878-04**		**1501878-05**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-1**		**EP-2**		**EP-3**		**EP-4**		**EP-5**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**	
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.186	U	0.134	U	0.105	U	0.112	U	0.364	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
83-32-9	Acenaphthene	98	100	20	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
208-96-8	Acenaphthylene	107	100	100	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
120-12-7	Anthracene	1000	100	100	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
65-85-0	Benzoic acid	NA	NA	NA	0.186	U	0.134	U	0.105	U	0.112	U	0.364	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U

Table 10
Endpoint Sample Results Summary
October 19, 2015 (EP-1 - EP-5)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501878					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501878-01**		**1501878-02**		**1501878-03**		**1501878-04**		**1501878-05**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-1**		**EP-2**		**EP-3**		**EP-4**		**EP-5**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**	
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0747	U	**0.0651**	J	**0.0539**	J	0.0449	U	0.146	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
218-01-9	Chrysene	1	3.9	1	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
132-64-9	Dibenzofuran	210	59	7	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
206-44-0	Fluoranthene	1000	100	100	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
86-73-7	Fluorene	386	100	30	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
78-59-1	Isophorone	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
91-20-3	Naphthalene	12	100	12	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
85-01-8	Phenanthrene	1000	100	100	0.0747	U	0.0537	U	**0.0421**	J	0.0449	U	0.146	U
108-95-2	Phenol	0.33	100	0.33	0.0747	U	0.0537	U	0.0420	U	0.0449	U	0.146	U
129-00-0	Pyrene	1000	100	100	0.0747	U	0.0537	U	**0.0606**	J	0.0449	U	0.146	U
Total Metals - EPA Method SW846 6010 (mg/kg)														
7439-97-6	Mercury	0.73	0.81	0.18	0.168	U	0.121	U	0.0947	U	0.101	U	0.329	U
7429-90-5	Aluminum	NA	NA	NA	**7420**		**12200**		**8550**		**7630**		**4070**	
7440-36-0	Antimony	NA	NA	NA	8.97	U	6.45	U	5.05	U	5.39	U	17.5	U
7440-38-2	Arsenic	16	16	13	**2.58**		**3.14**		1.26	U	**2.25**		4.39	U
7440-39-3	Barium	820	400	350	**57.1**		**61.6**		**40.7**		27.0	U	**94.3**	
7440-41-7	Beryllium	47	72	7.2	1.12	U	0.806	U	0.631	U	0.674	U	2.19	U
7440-43-9	Cadmium	7.5	4.3	2.5	1.12	U	**0.958**		0.631	U	0.674	U	2.19	U
7440-70-2	Calcium	NA	NA	NA	**11300**		**24400**		**1660**		**2000**		**28800**	
7440-47-3	Chromium	NA	NA	NA	**15.6**		**20.9**		**12.4**		**11.8**		**11.9**	

Table 10
Endpoint Sample Results Summary
October 19, 2015 (EP-1 - EP-5)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501878					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501878-01**		**1501878-02**		**1501878-03**		**1501878-04**		**1501878-05**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-1**		**EP-2**		**EP-3**		**EP-4**		**EP-5**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**	
7440-48-4	Cobalt	NA	NA	NA	11.2	U	**11.1**		**7.57**		**7.33**		21.9	U
7440-50-8	Copper	1720	270	50	**16.2**		**19.5**		**16.8**		**19.8**		**31.5**	
7439-89-6	Iron	NA	NA	NA	**13300**		**21500**		**11500**		**11500**		**7500**	
7439-92-1	Lead	450	400	63	**12.3**		**17.1**		**8.40**		**8.19**		**19.7**	
7439-95-4	Magnesium	NA	NA	NA	**6000**		**15700**		**4080**		**3910**		**10300**	
7439-96-5	Manganese	2000	2000	1600	**373**		**835**		**96.3**		**101**		**421**	
7440-02-0	Nickel	130	310	30	**12.9**		**17.6**		**14.6**		**15.6**		17.5	U
9/7/7440	Potassium	NA	NA	NA	**1410**		**2220**		**1120**		**975**		**966**	
7782-49-2	Selenium	4	180	3.9	4.48	U	3.23	U	2.53	U	2.70	U	8.77	U
7440-22-4	Silver	8.3	180	2	1.12	U	0.806	U	0.631	U	0.674	U	2.19	U
7440-23-5	Sodium	NA	NA	NA	**594**		**343**		**173**		**203**		**720**	
7440-28-0	Thallium	NA	NA	NA	3.36	U	2.42	U	1.89	U	2.02	U	6.58	U
7440-62-2	Vanadium	NA	NA	NA	**25.1**		**32.8**		**12.8**		**12.8**		21.9	U
7440-66-6	Zinc	2480	10000	109	**44.8**		**65.7**		**46.2**		**53.4**		26.3	U
Volatile Organic Compounds - EPA Method SW846 8260 (mg/kg)														
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U

Table 10
Endpoint Sample Results Summary
October 19, 2015 (EP-1 - EP-5)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501878					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501878-01**		**1501878-02**		**1501878-03**		**1501878-04**		**1501878-05**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-1**		**EP-2**		**EP-3**		**EP-4**		**EP-5**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**	
78-93-3	2-Butanone	0.12	100	0.12	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
591-78-6	2-Hexanone	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
67-64-1	Acetone	0.05	100	0.05	**0.637**	B	**0.0173**	B	**0.0144**	B	**0.0102**	B	**3.46**	B
107-02-8	Acrolein	NA	NA	NA	0.0378	U	0.0220	U	0.0173	U	0.0179	U	0.115	U
107-13-1	Acrylonitrile	NA	NA	NA	0.0126	U	0.00733	U	0.00577	U	0.00596	U	0.0385	U
71-43-2	Benzene	0.06	4.8	0.06	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-86-1	Bromobenzene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-25-2	Bromoform	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
74-83-9	Bromomethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00630	U	0.00367	U	**0.0474**		0.00298	U	0.0192	U
75-00-3	Chloroethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
67-66-3	Chloroform	0.37	49	0.37	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
74-87-3	Chloromethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
74-95-3	Dibromomethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
100-41-4	Ethylbenzene	1	41	1	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	0.0126	U	0.00733	U	0.00577	U	0.00596	U	0.0385	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.0751**	B	**0.0249**	B	**0.0242**	B	**0.0256**	B	**0.127**	B
104-51-8	n-Butyl Benzene	NA	NA	12	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
95-47-6	o-Xylene	0.8	50	0.13	0.0126	U	0.00733	U	0.00577	U	0.00596	U	0.0385	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
135-98-8	sec-Butylbenzene	11	100	11	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U

Table 10
Endpoint Sample Results Summary
October 19, 2015 (EP-1 - EP-5)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501878					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501878-01**		**1501878-02**		**1501878-03**		**1501878-04**		**1501878-05**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-1**		**EP-2**		**EP-3**		**EP-4**		**EP-5**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**		**10/19/15**	
100-42-5	Styrene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-88-3	Toluene	0.7	100	0.7	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00630	U	0.00367	U	0.00288	U	0.00298	U	0.0192	U
Wet Chemistry (%)														
	Percent Solids	NA	NA	NA	**44.6**		**62.0**		**79.2**		**74.2**		**22.8**	
Wet Chemistry (mg/kg)														
	Cyanide (total)	40	27	27	2.24	U	1.61	U	1.26	U	1.35	U	4.39	U

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no appicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 11
Endpoint Sample Results Summary
October 22 and 23, 2015 (EP-6, EP-7, and EP-8)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501909					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501909-01**		**1501909-02**		**1501909-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-6**		**EP-7**		**EP-8**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/22/15**		**10/22/15**		**10/23/15**	
Pesticides & PCBs - EPA Method SW846 8081/8082 (mg/kg)										
72-54-8	4,4'-DDD	14	13	0.0033	0.00277	U	0.00190	U	0.00283	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00277	U	0.00190	U	0.00283	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00277	U	0.00190	U	0.00283	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00138	U	0.000943	U	0.00140	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00138	U	0.000943	U	0.00140	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00138	U	0.000943	U	0.00140	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0346	U	0.0237	U	0.0353	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0346	U	0.0237	U	0.0353	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0346	U	0.0237	U	0.0353	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00138	U	0.000943	U	0.00140	U
319-86-8	delta-BHC	0.25	100	0.04	0.00138	U	0.000943	U	0.00140	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00277	U	0.00190	U	0.00283	U
959-98-8	Endosulfan I	102	24	2.4	0.00138	U	0.000943	U	0.00140	U
33213-65-9	Endosulfan II	102	24	2.4	0.00277	U	0.00190	U	0.00283	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00277	U	0.00190	U	0.00283	U
72-20-8	Endrin	0.06	11	0.014	0.00277	U	0.00190	U	0.00283	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00277	U	0.00190	U	0.00283	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00277	U	0.00190	U	0.00283	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00138	U	0.000943	U	0.00140	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00138	U	0.000943	U	0.00140	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00138	U	0.000943	U	0.00140	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00138	U	0.000943	U	0.00140	U
72-43-5	Methoxychlor	NA	NA	NA	0.0139	U	0.00951	U	0.0142	U
8001-35-2	Toxaphene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)										
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0694	U	0.0476	U	0.0709	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0694	U	0.0476	U	0.0709	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0694	U	0.0476	U	0.0709	U

Table 11
Endpoint Sample Results Summary
October 22 and 23, 2015 (EP-6, EP-7, and EP-8)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501909					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501909-01**		**1501909-02**		**1501909-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-6**		**EP-7**		**EP-8**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/22/15**		**10/22/15**		**10/23/15**	
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0694	U	0.0476	U	0.0709	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0694	U	0.0476	U	0.0709	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.173	U	0.119	U	0.177	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
83-32-9	Acenaphthene	98	100	20	0.0694	U	0.0476	U	0.0709	U
208-96-8	Acenaphthylene	107	100	100	0.0694	U	0.0476	U	0.0709	U
120-12-7	Anthracene	1000	100	100	0.0694	U	0.0476	U	0.0709	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0694	U	**0.0610**	J	**0.0759**	J
50-32-8	Benzo[a]pyrene	22	1	1	0.0694	U	**0.0590**	J	0.0709	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0694	U	0.0476	U	0.0709	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0694	U	0.0476	U	0.0709	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0694	U	0.0476	U	0.0709	U
65-85-0	Benzoic acid	NA	NA	NA	0.173	U	0.119	U	0.177	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U

Table 11
Endpoint Sample Results Summary
October 22 and 23, 2015 (EP-6, EP-7, and EP-8)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501909					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501909-01**		**1501909-02**		**1501909-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-6**		**EP-7**		**EP-8**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/22/15**		**10/22/15**		**10/23/15**	
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
218-01-9	Chrysene	1	3.9	1	0.0694	U	**0.0729**	J	**0.0929**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0694	U	0.0476	U	0.0709	U
132-64-9	Dibenzofuran	210	59	7	0.0694	U	0.0476	U	0.0709	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
206-44-0	Fluoranthene	1000	100	100	0.0694	U	**0.153**	J	**0.190**	J
86-73-7	Fluorene	386	100	30	0.0694	U	0.0476	U	0.0709	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0694	U	0.0476	U	0.0709	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0694	U	0.0476	U	0.0709	U
78-59-1	Isophorone	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
91-20-3	Naphthalene	12	100	12	**0.159**	J	**0.0729**	J	**0.0766**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0694	U	0.0476	U	0.0709	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0694	U	0.0476	U	0.0709	U
85-01-8	Phenanthrene	1000	100	100	**0.0896**	J	**0.153**	J	**0.187**	J
108-95-2	Phenol	0.33	100	0.33	0.0694	U	0.0476	U	0.0709	U
129-00-0	Pyrene	1000	100	100	0.0694	U	**0.145**	J	**0.199**	J
Total Metals by EPA Method SW846 6010 (mg/kg)										
7439-97-6	Mercury	0.73	0.81	0.18	0.156	U	0.107	U	0.160	U
7429-90-5	Aluminum	NA	NA	NA	**8930**		**6100**		**11800**	
7440-36-0	Antimony	NA	NA	NA	8.33	U	5.71	U	8.51	U
7440-38-2	Arsenic	16	16	13	**2.34**		**2.01**		**3.29**	
7440-39-3	Barium	820	400	350	**96.6**		**40.0**		**68.6**	
7440-41-7	Beryllium	47	72	7.2	1.04	U	0.714	U	1.06	U
7440-43-9	Cadmium	7.5	4.3	2.5	1.04	U	0.714	U	1.06	U
7440-70-2	Calcium	NA	NA	NA	**8470**		**8140**		**9090**	
7440-47-3	Chromium	NA	NA	NA	**17.0**		**10.1**		**19.4**	

Table 11
Endpoint Sample Results Summary
October 22 and 23, 2015 (EP-6, EP-7, and EP-8)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501909					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501909-01**		**1501909-02**		**1501909-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-6**		**EP-7**		**EP-8**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/22/15**		**10/22/15**		**10/23/15**	
7440-48-4	Cobalt	NA	NA	NA	10.4	U	7.14	U	10.6	
7440-50-8	Copper	1720	270	50	**48.8**		**13.6**		**25.5**	
7439-89-6	Iron	NA	NA	NA	**11200**		**9210**		**17700**	
7439-92-1	Lead	450	400	63	**12.5**		**11.8**		**25.5**	
7439-95-4	Magnesium	NA	NA	NA	**6300**		**4200**		**8200**	
7439-96-5	Manganese	2000	2000	1600	**169**		**111**		**247**	
7440-02-0	Nickel	130	310	30	**15.9**		**12.9**		**20.7**	
9/7/7440	Potassium	NA	NA	NA	**1140**		**856**		**1630**	
7782-49-2	Selenium	4	180	3.9	4.17	U	2.86	U	4.26	U
7440-22-4	Silver	8.3	180	2	1.04	U	0.714	U	1.06	U
7440-23-5	Sodium	NA	NA	NA	**1030**		**401**		**717**	
7440-28-0	Thallium	NA	NA	NA	3.12	U	2.14	U	3.19	U
7440-62-2	Vanadium	NA	NA	NA	**21.5**		**12.3**		**23.9**	
7440-66-6	Zinc	2480	10000	109	**59.6**		**45.7**		**89.0**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)										
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00279	U	0.00130	U	0.00426	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00279	U	0.00130	U	0.00426	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00279	U	0.00130	U	0.00426	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00279	U	0.00130	U	0.00426	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00279	U	0.00130	U	0.00426	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00279	U	0.00130	U	0.00426	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00279	U	0.00130	U	0.00426	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00279	U	0.00130	U	0.00426	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00279	U	0.00130	U	0.00426	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U

Table 11
Endpoint Sample Results Summary
October 22 and 23, 2015 (EP-6, EP-7, and EP-8)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501909					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501909-01**		**1501909-02**		**1501909-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-6**		**EP-7**		**EP-8**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/22/15**		**10/22/15**		**10/23/15**	
78-93-3	2-Butanone	0.12	100	0.12	**0.0225**		**0.0161**		0.00426	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
591-78-6	2-Hexanone	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
67-64-1	Acetone	0.05	100	0.05	**0.108**	B	**0.0978**	B	**0.102**	B
107-02-8	Acrolein	NA	NA	NA	0.0167	U	0.00779	U	0.0255	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00557	U	0.00260	U	0.00851	U
71-43-2	Benzene	0.06	4.8	0.06	0.00279	U	0.00130	U	0.00426	U
108-86-1	Bromobenzene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
75-25-2	Bromoform	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
74-83-9	Bromomethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00279	U	**0.00199**	J	0.00426	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00279	U	0.00130	U	0.00426	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00279	U	0.00130	U	0.00426	U
75-00-3	Chloroethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
67-66-3	Chloroform	0.37	49	0.37	0.00279	U	0.00130	U	0.00426	U
74-87-3	Chloromethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00279	U	0.00130	U	0.00426	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
74-95-3	Dibromomethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
100-41-4	Ethylbenzene	1	41	1	0.00279	U	0.00130	U	**0.00757**	J
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	0.00557	U	0.00260	U	0.00851	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.0260**	B	**0.00688**	B	**0.0206**	
104-51-8	n-Butyl Benzene	NA	NA	12	0.00279	U	0.00130	U	0.00426	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
95-47-6	o-Xylene	0.8	50	0.13	0.00557	U	0.00260	U	0.00851	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
135-98-8	sec-Butylbenzene	11	100	11	0.00279	U	0.00130	U	0.00426	U

Table 11
Endpoint Sample Results Summary
October 22 and 23, 2015 (EP-6, EP-7, and EP-8)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501909					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1501909-01**		**1501909-02**		**1501909-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-6**		**EP-7**		**EP-8**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/22/15**		**10/22/15**		**10/23/15**	
100-42-5	Styrene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00279	U	0.00130	U	0.00426	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00279	U	0.00130	U	0.00426	U
108-88-3	Toluene	0.7	100	0.7	0.00279	U	0.00130	U	0.00426	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00279	U	0.00130	U	0.00426	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00279	U	0.00130	U	0.00426	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00279	U	0.00130	U	0.00426	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00279	U	0.00130	U	0.00426	U
Wet Chemistry (%)										
	Percent Solids	NA	NA	NA	**48.0**		**70.0**		**47.0**	
Wet Chemistry (mg/kg)										
	Cyanide (total)	40	27	27	2.08	U	1.43	U	2.13	U

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 12
Endpoint Sample Results Summary
October 23, 2015 (EP-9)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501914					Result	Q
Lab: Accredited Analytical Resources LLC					**1501914-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-9**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/23/15**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00194	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00194	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00194	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000962	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000962	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000962	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0242	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0242	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0242	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0242	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0242	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0242	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0242	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0242	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0242	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000962	U
319-86-8	delta-BHC	0.25	100	0.04	0.000962	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00194	U
959-98-8	Endosulfan I	102	24	2.4	0.000962	U
33213-65-9	Endosulfan II	102	24	2.4	0.00194	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00194	U
72-20-8	Endrin	0.06	11	0.014	0.00194	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00194	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00194	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000962	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000962	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000962	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000962	U
72-43-5	Methoxychlor	NA	NA	NA	0.00971	U
8001-35-2	Toxaphene	NA	NA	NA	0.0485	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0485	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0485	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0485	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0485	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0485	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0485	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0485	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0485	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0485	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0485	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0485	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0485	U

Table 12
Endpoint Sample Results Summary
October 23, 2015 (EP-9)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501914					Result	Q
Lab: Accredited Analytical Resources LLC					**1501914-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-9**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/23/15**	
95-57-8	2-Chlorophenol	NA	NA	NA	0.0485	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0485	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0485	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0485	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0485	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0485	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.121	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0485	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0485	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0485	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0485	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0485	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0485	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0485	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0485	U
83-32-9	Acenaphthene	98	100	20	0.0485	U
208-96-8	Acenaphthylene	107	100	100	0.0485	U
120-12-7	Anthracene	1000	100	100	0.0485	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0485	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0485	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0485	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0485	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0485	U
65-85-0	Benzoic acid	NA	NA	NA	0.121	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0485	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0485	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0485	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0485	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0485	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0485	U
218-01-9	Chrysene	1	3.9	1	0.0485	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0485	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0485	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0485	U
132-64-9	Dibenzofuran	210	59	7	0.0485	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0485	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0485	U
206-44-0	Fluoranthene	1000	100	100	**0.0860**	J
86-73-7	Fluorene	386	100	30	0.0485	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0485	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0485	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0485	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0485	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0485	U

Table 12
Endpoint Sample Results Summary
October 23, 2015 (EP-9)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501914					Result	Q
Lab: Accredited Analytical Resources LLC					**1501914-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-9**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/23/15**	
78-59-1	Isophorone	NA	NA	NA	0.0485	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0485	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0485	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0485	U
91-20-3	Naphthalene	12	100	12	0.0485	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0485	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0485	U
85-01-8	Phenanthrene	1000	100	100	**0.0724**	J
108-95-2	Phenol	0.33	100	0.33	0.0485	U
129-00-0	Pyrene	1000	100	100	**0.0855**	J
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	**0.170**	
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**9500**	
7440-36-0	Antimony	NA	NA	NA	5.83	U
7440-38-2	Arsenic	16	16	13	**2.35**	
7440-39-3	Barium	820	400	350	**57.9**	
7440-41-7	Beryllium	47	72	7.2	0.729	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.729	U
7440-70-2	Calcium	NA	NA	NA	**8950**	
7440-47-3	Chromium	NA	NA	NA	**16.2**	
7440-48-4	Cobalt	NA	NA	NA	**7.86**	
7440-50-8	Copper	1720	270	50	**17.3**	
7439-89-6	Iron	NA	NA	NA	**15100**	
7439-92-1	Lead	450	400	63	**23.1**	
7439-95-4	Magnesium	NA	NA	NA	**7920**	
7439-96-5	Manganese	2000	2000	1600	**278**	
7440-02-0	Nickel	130	310	30	**14.7**	
9/7/7440	Potassium	NA	NA	NA	**1210**	
7782-49-2	Selenium	4	180	3.9	2.92	U
7440-22-4	Silver	8.3	180	2	0.729	U
7440-23-5	Sodium	NA	NA	NA	**237**	
7440-28-0	Thallium	NA	NA	NA	2.19	U
7440-62-2	Vanadium	NA	NA	NA	**21.2**	
7440-66-6	Zinc	2480	10000	109	**52.4**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00163	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00163	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00163	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00163	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00163	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00163	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00163	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00163	U

Table 12
Endpoint Sample Results Summary
October 23, 2015 (EP-9)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501914					Result	Q
Lab: Accredited Analytical Resources LLC					**1501914-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-9**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/23/15**	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00163	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00163	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00163	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00163	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00163	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00163	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00163	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00163	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00163	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00163	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00163	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00163	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00163	U
78-93-3	2-Butanone	0.12	100	0.12	0.00163	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00163	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00163	U
591-78-6	2-Hexanone	NA	NA	NA	0.00163	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00163	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00163	U
67-64-1	Acetone	0.05	100	0.05	**0.00558**	B
107-02-8	Acrolein	NA	NA	NA	0.00976	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00325	U
71-43-2	Benzene	0.06	4.8	0.06	0.00163	U
108-86-1	Bromobenzene	NA	NA	NA	0.00163	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00163	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00163	U
75-25-2	Bromoform	NA	NA	NA	0.00163	U
74-83-9	Bromomethane	NA	NA	NA	0.00163	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00163	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00163	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00163	U
75-00-3	Chloroethane	NA	NA	NA	0.00163	U
67-66-3	Chloroform	0.37	49	0.37	0.00163	U
74-87-3	Chloromethane	NA	NA	NA	0.00163	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00163	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00163	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00163	U
74-95-3	Dibromomethane	NA	NA	NA	0.00163	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00163	U
100-41-4	Ethylbenzene	1	41	1	0.00163	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00163	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00163	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00325	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.0134**	B

Table 12
Endpoint Sample Results Summary
October 23, 2015 (EP-9)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501914					Result	Q
Lab: Accredited Analytical Resources LLC					**1501914-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-9**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/23/15**	
104-51-8	n-Butyl Benzene	NA	NA	12	0.00163	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00163	U
95-47-6	o-Xylene	0.8	50	0.13	0.00325	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00163	U
135-98-8	sec-Butylbenzene	11	100	11	0.00163	U
100-42-5	Styrene	NA	NA	NA	0.00163	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00163	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00163	U
108-88-3	Toluene	0.7	100	0.7	0.00163	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00163	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00163	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00163	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00163	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00163	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00163	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**68.6**	
Wet Chemistry (mg/kg)						
	Cyanide (total)	40	27	27	1.46	U

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

No compounds were detected at concentrations exceeding the NYURU, NYRRES, or NYPGW

~ = compound was not analyzed

NA = no applicable standard

Bold = detected compounds

mg/kg = miligram per kilogram

Qualifiers:

E - Concentration exceeds highest calibration standard

B - Indicates compound found in associated blank

D - Indicates result is based on a dilution

H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected below the RL

U - Indicates compound analyzed for but not detected

Table 13
Endpoint Sample Results Summary
October 26, 2015 (EP-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501923					Result	Q
Lab: Accredited Analytical Resources LLC					**1501923-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-10**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/26/15**	
Pesticides & PCBs - EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00198	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00198	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00198	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000981	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000981	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000981	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0247	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0247	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0247	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0247	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0247	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0247	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0247	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0247	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0247	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000981	U
319-86-8	delta-BHC	0.25	100	0.04	0.000981	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00198	U
959-98-8	Endosulfan I	102	24	2.4	0.000981	U
33213-65-9	Endosulfan II	102	24	2.4	0.00198	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00198	U
72-20-8	Endrin	0.06	11	0.014	0.00198	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00198	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00198	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000981	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000981	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000981	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000981	U
72-43-5	Methoxychlor	NA	NA	NA	0.0099	U
8001-35-2	Toxaphene	NA	NA	NA	0.0495	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0495	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0495	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0495	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0495	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0495	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0495	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0495	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0495	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0495	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0495	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0495	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0495	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0495	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0495	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0495	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0495	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0495	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0495	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.123	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0495	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0495	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0495	U

Table 13
Endpoint Sample Results Summary
October 26, 2015 (EP-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501923					Result	Q
Lab: Accredited Analytical Resources LLC					**1501923-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-10**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/26/15**	
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0495	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0495	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0495	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0495	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0495	U
83-32-9	Acenaphthene	98	100	20	0.0495	U
208-96-8	Acenaphthylene	107	100	100	0.0495	U
120-12-7	Anthracene	1000	100	100	0.0495	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0495	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0495	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0495	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0495	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0495	U
65-85-0	Benzoic acid	NA	NA	NA	0.123	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0495	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0495	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0495	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0495	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0495	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0495	U
218-01-9	Chrysene	1	3.9	1	**0.0500**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0495	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0495	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0495	U
132-64-9	Dibenzofuran	210	59	7	0.0495	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0495	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0495	U
206-44-0	Fluoranthene	1000	100	100	**0.0991**	J
86-73-7	Fluorene	386	100	30	0.0495	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0495	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0495	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0495	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0495	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0495	U
78-59-1	Isophorone	NA	NA	NA	0.0495	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0495	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0495	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0495	U
91-20-3	Naphthalene	12	100	12	0.0495	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0495	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0495	U
85-01-8	Phenanthrene	1000	100	100	**0.133**	J
108-95-2	Phenol	0.33	100	0.33	0.0495	U
129-00-0	Pyrene	1000	100	100	**0.139**	J
Total Metals by EPA Method SW846 6010 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.111	U
7429-90-5	Aluminum	NA	NA	NA	**8980**	
7440-36-0	Antimony	NA	NA	NA	5.94	U
7440-38-2	Arsenic	16	16	13	**2.67**	
7440-39-3	Barium	820	400	350	**51.8**	
7440-41-7	Beryllium	47	72	7.2	0.743	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.743	U
7440-70-2	Calcium	NA	NA	NA	**7450**	
7440-47-3	Chromium	NA	NA	NA	**14.7**	

Table 13
Endpoint Sample Results Summary
October 26, 2015 (EP-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501923					Result	Q
Lab: Accredited Analytical Resources LLC					**1501923-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-10**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/26/15**	
7440-48-4	Cobalt	NA	NA	NA	**7.93**	
7440-50-8	Copper	1720	270	50	**21.9**	
7439-89-6	Iron	NA	NA	NA	**13900**	
7439-92-1	Lead	450	400	63	**22.0**	
7439-95-4	Magnesium	NA	NA	NA	**7100**	
7439-96-5	Manganese	2000	2000	1600	**350**	
7440-02-0	Nickel	130	310	30	**15.5**	
9/7/7440	Potassium	NA	NA	NA	**1150**	
7782-49-2	Selenium	4	180	3.9	2.97	U
7440-22-4	Silver	8.3	180	2	0.743	U
7440-23-5	Sodium	NA	NA	NA	**289**	
7440-28-0	Thallium	NA	NA	NA	2.23	U
7440-62-2	Vanadium	NA	NA	NA	**19.2**	
7440-66-6	Zinc	2480	10000	109	**51.0**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00153	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00153	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00153	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00153	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00153	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00153	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00153	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00153	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00153	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00153	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00153	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00153	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00153	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00153	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00153	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00153	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00153	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00153	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00153	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00153	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00153	U
78-93-3	2-Butanone	0.12	100	0.12	0.00153	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00153	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00153	U
591-78-6	2-Hexanone	NA	NA	NA	0.00153	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00153	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00153	U
67-64-1	Acetone	0.05	100	0.05	**0.0183**	B
107-02-8	Acrolein	NA	NA	NA	0.00917	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00306	U
71-43-2	Benzene	0.06	4.8	0.06	0.00153	U
108-86-1	Bromobenzene	NA	NA	NA	0.00153	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00153	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00153	U
75-25-2	Bromoform	NA	NA	NA	0.00153	U
74-83-9	Bromomethane	NA	NA	NA	0.00153	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00153	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00153	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00153	U

Table 13
Endpoint Sample Results Summary
October 26, 2015 (EP-10)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501923					Result	Q
Lab: Accredited Analytical Resources LLC					**1501923-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-10**	
Sample Depth (feet below grade surface):					**10-12**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/26/15**	
75-00-3	Chloroethane	NA	NA	NA	0.00153	U
67-66-3	Chloroform	0.37	49	0.37	0.00153	U
74-87-3	Chloromethane	NA	NA	NA	0.00153	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00153	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00153	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00153	U
74-95-3	Dibromomethane	NA	NA	NA	0.00153	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00153	U
100-41-4	Ethylbenzene	1	41	1	0.00153	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00153	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00153	U
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	0.00306	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00292**	J
104-51-8	n-Butyl Benzene	NA	NA	12	0.00153	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00153	U
95-47-6	o-Xylene	0.8	50	0.13	0.00306	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00153	U
135-98-8	sec-Butylbenzene	11	100	11	0.00153	U
100-42-5	Styrene	NA	NA	NA	0.00153	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00153	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00153	U
108-88-3	Toluene	0.7	100	0.7	0.00153	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00153	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00153	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00153	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00153	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00153	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00153	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**67.3**	
Wet Chemistry (mg/kg)						
	Cyanide (total)	40	27	27	1.49	U

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, or NYPGW
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 14
Endpoint Sample Results Summary
October 28, 2015 (EP-11)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501955					Result	Q
Lab: Accredited Analytical Resources LLC					**1501955-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-11**	
Sample Detph (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/28/15**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00266	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00266	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00266	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00132	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00132	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00132	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0332	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0332	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0332	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0332	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0332	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0332	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0332	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0332	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0332	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00132	U
319-86-8	delta-BHC	0.25	100	0.04	0.00132	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00266	U
959-98-8	Endosulfan I	102	24	2.4	0.00132	U
33213-65-9	Endosulfan II	102	24	2.4	0.00266	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00266	U
72-20-8	Endrin	0.06	11	0.014	0.00266	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00266	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00266	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00132	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00132	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00132	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00132	U
72-43-5	Methoxychlor	NA	NA	NA	0.0133	U
8001-35-2	Toxaphene	NA	NA	NA	0.0666	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0666	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0666	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0666	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0666	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0666	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0666	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0666	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0666	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0666	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0666	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0666	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0666	U

Table 14
Endpoint Sample Results Summary
October 28, 2015 (EP-11)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501955					Result	Q
Lab: Accredited Analytical Resources LLC					**1501955-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-11**	
Sample Detph (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/28/15**	
95-57-8	2-Chlorophenol	NA	NA	NA	0.0666	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.0727**	J
95-48-7	2-Methylphenol	0.33	100	0.33	0.0666	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0666	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0666	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0666	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.166	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0666	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0666	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0666	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0666	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0666	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0666	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0666	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0666	U
83-32-9	Acenaphthene	98	100	20	**0.141**	J
208-96-8	Acenaphthylene	107	100	100	0.0666	U
120-12-7	Anthracene	1000	100	100	**0.0720**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.0853**	J
50-32-8	Benzo[a]pyrene	22	1	1	0.0666	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0666	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0666	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0666	U
65-85-0	Benzoic acid	NA	NA	NA	0.166	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0666	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0666	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0666	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0666	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0666	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0666	U
218-01-9	Chrysene	1	3.9	1	**0.103**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0666	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0666	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0666	U
132-64-9	Dibenzofuran	210	59	7	**0.0867**	J
84-66-2	Diethyl phthalate	NA	NA	NA	0.0666	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0666	U
206-44-0	Fluoranthene	1000	100	100	**0.167**	J
86-73-7	Fluorene	386	100	30	**0.109**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0666	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0666	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0666	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0666	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0666	U

Table 14
Endpoint Sample Results Summary
October 28, 2015 (EP-11)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501955					Result	Q
Lab: Accredited Analytical Resources LLC					**1501955-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-11**	
Sample Detpth (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/28/15**	
78-59-1	Isophorone	NA	NA	NA	0.0666	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0666	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0666	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0666	U
91-20-3	Naphthalene	12	100	12	**0.199**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0666	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0666	U
85-01-8	Phenanthrene	1000	100	100	**0.297**	J
108-95-2	Phenol	0.33	100	0.33	0.0666	U
129-00-0	Pyrene	1000	100	100	**0.177**	J
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.150	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**8180**	
7440-36-0	Antimony	NA	NA	NA	8.00	U
7440-38-2	Arsenic	16	16	13	2.00	U
7440-39-3	Barium	820	400	350	**57.1**	
7440-41-7	Beryllium	47	72	7.2	1.00	U
7440-43-9	Cadmium	7.5	4.3	2.5	1.00	U
7440-70-2	Calcium	NA	NA	NA	**8690**	
7440-47-3	Chromium	NA	NA	NA	**13.4**	
7440-48-4	Cobalt	NA	NA	NA	10.0	U
7440-50-8	Copper	1720	270	50	**21.0**	
7439-89-6	Iron	NA	NA	NA	**13000**	
7439-92-1	Lead	450	400	63	**90.0**	
7439-95-4	Magnesium	NA	NA	NA	**6420**	
7439-96-5	Manganese	2000	2000	1600	**158**	
7440-02-0	Nickel	130	310	30	**14.2**	
9/7/7440	Potassium	NA	NA	NA	**1100**	
7782-49-2	Selenium	4	180	3.9	4.00	U
7440-22-4	Silver	8.3	180	2	1.00	U
7440-23-5	Sodium	NA	NA	NA	**557**	
7440-28-0	Thallium	NA	NA	NA	3.00	U
7440-62-2	Vanadium	NA	NA	NA	**18.7**	
7440-66-6	Zinc	2480	10000	109	**48.5**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00200	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00200	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00200	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00200	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00200	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00200	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00200	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00200	U

Table 14
Endpoint Sample Results Summary
October 28, 2015 (EP-11)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501955					Result	Q
Lab: Accredited Analytical Resources LLC					**1501955-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-11**	
Sample Detph (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/28/15**	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00200	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00200	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00200	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00200	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00200	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00200	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00200	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00200	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00200	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00200	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00200	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00200	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00200	U
78-93-3	2-Butanone	0.12	100	0.12	0.00200	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00200	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00200	U
591-78-6	2-Hexanone	NA	NA	NA	0.00200	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00200	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00200	U
67-64-1	Acetone	0.05	100	0.05	**0.0155**	B
107-02-8	Acrolein	NA	NA	NA	0.0120	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00400	U
71-43-2	Benzene	0.06	4.8	0.06	0.00200	U
108-86-1	Bromobenzene	NA	NA	NA	0.00200	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00200	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00200	U
75-25-2	Bromoform	NA	NA	NA	0.00200	U
74-83-9	Bromomethane	NA	NA	NA	0.00200	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00200	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00200	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00200	U
75-00-3	Chloroethane	NA	NA	NA	0.00200	U
67-66-3	Chloroform	0.37	49	0.37	0.00200	U
74-87-3	Chloromethane	NA	NA	NA	0.00200	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00200	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00200	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00200	U
74-95-3	Dibromomethane	NA	NA	NA	0.00200	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00200	U
100-41-4	Ethylbenzene	1	41	1	0.00200	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00200	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00200	U
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.00400	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.0365**	B

Table 14
Endpoint Sample Results Summary
October 28, 2015 (EP-11)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501955					Result	Q
Lab: Accredited Analytical Resources LLC					**1501955-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-11**	
Sample Detph (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/28/15**	
104-51-8	n-Butyl Benzene	NA	NA	12	0.00200	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00200	U
95-47-6	o-Xylene	0.8	50	0.13	0.00400	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00200	U
135-98-8	sec-Butylbenzene	11	100	11	0.00200	U
100-42-5	Styrene	NA	NA	NA	0.00200	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00200	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00200	U
108-88-3	Toluene	0.7	100	0.7	0.00200	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00200	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00200	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00200	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00200	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00200	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00200	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**50.0**	
Wet Chemistry (mg/kg)						
	Cyanide (total)	40	27	27	2.00	U

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

RED = exceeds NYURU

Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies

~ = compound was not analyzed

NA = no applicable standard

Bold = detected compounds

mg/kg = miligram per kilogram

Qualifiers:

E - Concentration exceeds highest calibration standard

B - Indicates compound found in associated blank

D - Indicates result is based on a dilution

H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected below the RL

U - Indicates compound analyzed for but not detected

Table 15
Endpoint Sample Results Summary
October 30, 2015 (EP-12)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501974					Result	Q
Lab: Accredited Analytical Resources LLC					**1501974-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-12**	
Sample Depth (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/30/15**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00210	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00210	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00210	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00104	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00104	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00104	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0262	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0262	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0262	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0262	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0262	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0262	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0262	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0262	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0262	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00104	U
319-86-8	delta-BHC	0.25	100	0.04	0.00104	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00210	U
959-98-8	Endosulfan I	102	24	2.4	0.00104	U
33213-65-9	Endosulfan II	102	24	2.4	0.00210	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00210	U
72-20-8	Endrin	0.06	11	0.014	0.00210	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00210	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00210	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00104	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00104	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00104	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00104	U
72-43-5	Methoxychlor	NA	NA	NA	0.0105	U
8001-35-2	Toxaphene	NA	NA	NA	0.0525	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0525	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0525	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0525	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0525	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0525	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0525	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0525	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0525	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0525	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0525	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0525	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0525	U

Table 15
Endpoint Sample Results Summary
October 30, 2015 (EP-12)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501974					Result	Q
Lab: Accredited Analytical Resources LLC					**1501974-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-12**	
Sample Depth (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/30/15**	
95-57-8	2-Chlorophenol	NA	NA	NA	0.0525	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.0754**	J
95-48-7	2-Methylphenol	0.33	100	0.33	0.0525	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0525	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0525	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0525	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.131	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0525	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0525	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0525	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0525	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0525	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0525	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0525	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0525	U
83-32-9	Acenaphthene	98	100	20	**0.242**	J
208-96-8	Acenaphthylene	107	100	100	0.0525	U
120-12-7	Anthracene	1000	100	100	**0.0932**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.0771**	J
50-32-8	Benzo[a]pyrene	22	1	1	0.0525	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0525	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0525	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0525	U
65-85-0	Benzoic acid	NA	NA	NA	0.131	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0525	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0525	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0525	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0525	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0525	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0525	U
218-01-9	Chrysene	1	3.9	1	**0.0813**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0525	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0525	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0525	U
132-64-9	Dibenzofuran	210	59	7	**0.148**	J
84-66-2	Diethyl phthalate	NA	NA	NA	0.0525	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0525	U
206-44-0	Fluoranthene	1000	100	100	**0.326**	
86-73-7	Fluorene	386	100	30	**0.181**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0525	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0525	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0525	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0525	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0525	U

Table 15
Endpoint Sample Results Summary
October 30, 2015 (EP-12)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501974					Result	Q
Lab: Accredited Analytical Resources LLC					**1501974-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-12**	
Sample Depth (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/30/15**	
78-59-1	Isophorone	NA	NA	NA	0.0525	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0525	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0525	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0525	U
91-20-3	Naphthalene	12	100	12	**0.335**	
98-95-3	Nitrobenzene	NA	NA	NA	0.0525	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0525	U
85-01-8	Phenanthrene	1000	100	100	**0.489**	
108-95-2	Phenol	0.33	100	0.33	0.0525	U
129-00-0	Pyrene	1000	100	100	**0.216**	J
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.118	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**8820**	
7440-36-0	Antimony	NA	NA	NA	6.31	U
7440-38-2	Arsenic	16	16	13	**2.65**	
7440-39-3	Barium	820	400	350	**50.9**	
7440-41-7	Beryllium	47	72	7.2	0.789	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.789	U
7440-70-2	Calcium	NA	NA	NA	**4870**	
7440-47-3	Chromium	NA	NA	NA	**14.0**	
7440-48-4	Cobalt	NA	NA	NA	7.89	U
7440-50-8	Copper	1720	270	50	**23.2**	
7439-89-6	Iron	NA	NA	NA	**13700**	
7439-92-1	Lead	450	400	63	**22.4**	
7439-95-4	Magnesium	NA	NA	NA	**5430**	
7439-96-5	Manganese	2000	2000	1600	**161**	
7440-02-0	Nickel	130	310	30	**15.8**	
9/7/7440	Potassium	NA	NA	NA	**1010**	
7782-49-2	Selenium	4	180	3.9	3.15	U
7440-22-4	Silver	8.3	180	2	0.789	U
7440-23-5	Sodium	NA	NA	NA	**395**	
7440-28-0	Thallium	NA	NA	NA	2.37	U
7440-62-2	Vanadium	NA	NA	NA	**15.9**	
7440-66-6	Zinc	2480	10000	109	**60.7**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00158	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00158	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00158	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00158	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00158	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00158	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00158	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00158	U

Table 15
Endpoint Sample Results Summary
October 30, 2015 (EP-12)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501974					Result	Q
Lab: Accredited Analytical Resources LLC					**1501974-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-12**	
Sample Depth (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/30/15**	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00158	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00158	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	**0.00344**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00158	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00158	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00158	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00158	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00158	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	**0.00215**	J
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00158	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00158	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00158	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00158	U
78-93-3	2-Butanone	0.12	100	0.12	0.00158	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00158	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00158	U
591-78-6	2-Hexanone	NA	NA	NA	0.00158	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00158	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00158	U
67-64-1	Acetone	0.05	100	0.05	**0.0300**	B
107-02-8	Acrolein	NA	NA	NA	0.00946	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00315	U
71-43-2	Benzene	0.06	4.8	0.06	0.00158	U
108-86-1	Bromobenzene	NA	NA	NA	0.00158	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00158	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00158	U
75-25-2	Bromoform	NA	NA	NA	0.00158	U
74-83-9	Bromomethane	NA	NA	NA	0.00158	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00158	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00158	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00158	U
75-00-3	Chloroethane	NA	NA	NA	0.00158	U
67-66-3	Chloroform	0.37	49	0.37	0.00158	U
74-87-3	Chloromethane	NA	NA	NA	0.00158	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00158	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00158	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00158	U
74-95-3	Dibromomethane	NA	NA	NA	0.00158	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00158	U
100-41-4	Ethylbenzene	1	41	1	**0.00467**	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00158	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00158	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	**0.00456**	J
75-09-2	Methylene Chloride	0.05	100	0.05	**0.0258**	B

Table 15
Endpoint Sample Results Summary
October 30, 2015 (EP-12)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501974					Result	Q
Lab: Accredited Analytical Resources LLC					**1501974-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY; 10BR188					**EP-12**	
Sample Depth (feet below grade surface):					**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**10/30/15**	
104-51-8	n-Butyl Benzene	NA	NA	12	0.00158	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00158	U
95-47-6	o-Xylene	0.8	50	0.13	**0.00388**	J
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00158	U
135-98-8	sec-Butylbenzene	11	100	11	0.00158	U
100-42-5	Styrene	NA	NA	NA	0.00158	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00158	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00158	U
108-88-3	Toluene	0.7	100	0.7	**0.00279**	J
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00158	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00158	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00158	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00158	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00158	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00158	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**63.4**	
Wet Chemistry (mg/kg)						
	Cyanide (total)	40	27	27	1.58	U

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

No compounds were detected at concentrations exceeding the NYURU, NYRRES, or NYPGW

~ = compound was not analyzed

NA = no applicable standard

Bold = detected compounds

mg/kg = miligram per kilograms

Qualifiers:

E - Concentration exceeds highest calibration standard

B - Indicates compound found in associated blank

D - Indicates result is based on a dilution

H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected below the RL

U - Indicates compound analyzed for but not detected

Table 16
Endpoint Sample Results Summary
November 4, 2015 (EP-13 and EP-9b)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502015					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502015-01**		**1502015-02**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-13**		**EP-9b**	
Sample Depth (feet below grade surface):					**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/04/15**		**11/04/15**	
EPA Method SW846 8081/8082 (mg/kg)								
72-54-8	4,4'-DDD	14	13	0.0033	0.00646	U	0.00229	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00646	U	0.00229	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00646	U	0.00229	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00320	U	0.00114	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00320	U	0.00114	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00320	U	0.00114	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0806	U	0.0286	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0806	U	0.0286	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0806	U	0.0286	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0806	U	0.0286	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0806	U	0.0286	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0806	U	0.0286	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0806	U	0.0286	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0806	U	0.0286	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0806	U	0.0286	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00320	U	0.00114	U
319-86-8	delta-BHC	0.25	100	0.04	0.00320	U	0.00114	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00646	U	0.00229	U
959-98-8	Endosulfan I	102	24	2.4	0.00320	U	0.00114	U
33213-65-9	Endosulfan II	102	24	2.4	0.00646	U	0.00229	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00646	U	0.00229	U
72-20-8	Endrin	0.06	11	0.014	0.00646	U	0.00229	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00646	U	0.00229	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00646	U	0.00229	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00320	U	0.00114	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00320	U	0.00114	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00320	U	0.00114	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00320	U	0.00114	U
72-43-5	Methoxychlor	NA	NA	NA	0.0323	U	0.0115	U
8001-35-2	Toxaphene	NA	NA	NA	0.162	U	0.0574	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)								
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.162	U	0.0574	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.162	U	0.0574	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.162	U	0.0574	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.162	U	0.0574	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.162	U	0.0574	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.162	U	0.0574	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.162	U	0.0574	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.162	U	0.0574	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.162	U	0.0574	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.162	U	0.0574	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.162	U	0.0574	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.162	U	0.0574	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.162	U	0.0574	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.162	U	0.0574	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.162	U	0.0574	U

Table 16
Endpoint Sample Results Summary
November 4, 2015 (EP-13 and EP-9b)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502015					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502015-01**		**1502015-02**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-13**		**EP-9b**	
Sample Depth (feet below grade surface):					**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/04/15**		**11/04/15**	
88-74-4	2-Nitroaniline	NA	NA	NA	0.162	U	0.0574	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.162	U	0.0574	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.162	U	0.0574	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.403	U	0.143	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.162	U	0.0574	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.162	U	0.0574	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.162	U	0.0574	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.162	U	0.0574	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.162	U	0.0574	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.162	U	0.0574	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.162	U	0.0574	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.162	U	0.0574	U
83-32-9	Acenaphthene	98	100	20	**0.163**	J	**0.107**	J
208-96-8	Acenaphthylene	107	100	100	0.162	U	0.0574	U
120-12-7	Anthracene	1000	100	100	**0.273**	J	**0.250**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.536**	J	**0.498**	
50-32-8	Benzo[a]pyrene	22	1	1	**0.421**	J	**0.393**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.361**	J	**0.342**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.272**	J	**0.244**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.371**	J	**0.320**	
65-85-0	Benzoic acid	NA	NA	NA	0.403	U	0.143	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.162	U	0.0574	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.162	U	0.0574	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.162	U	0.0574	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.162	U	0.0574	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.162	U	0.0574	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.162	U	0.0574	U
218-01-9	Chrysene	1	3.9	1	**0.638**	J	**0.664**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.162	U	0.0574	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.162	U	0.0574	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.162	U	**0.0977**	J
132-64-9	Dibenzofuran	210	59	7	0.162	U	0.0574	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.162	U	0.0574	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.162	U	0.0574	U
206-44-0	Fluoranthene	1000	100	100	**1.12**		**1.02**	
86-73-7	Fluorene	386	100	30	0.162	U	**0.103**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.162	U	0.0574	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.162	U	0.0574	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.162	U	0.0574	U
67-72-1	Hexachloroethane	NA	NA	NA	0.162	U	0.0574	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.243**	J	**0.209**	J
78-59-1	Isophorone	NA	NA	NA	0.162	U	0.0574	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.162	U	0.0574	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.162	U	0.0574	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.162	U	0.0574	U
91-20-3	Naphthalene	12	100	12	0.162	U	**0.0707**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.162	U	0.0574	U

Table 16
Endpoint Sample Results Summary
November 4, 2015 (EP-13 and EP-9b)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502015					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502015-01**		**1502015-02**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-13**		**EP-9b**	
Sample Depth (feet below grade surface):					**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/04/15**		**11/04/15**	
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.162	U	0.0574	U
85-01-8	Phenanthrene	1000	100	100	**1.24**		**1.24**	
108-95-2	Phenol	0.33	100	0.33	0.162	U	0.0574	U
129-00-0	Pyrene	1000	100	100	**1.54**		**1.44**	
Total Mercury by SW846 7471 (mg/kg)								
7439-97-6	Mercury	0.73	0.81	0.18	0.364	U	0.129	U
Total Metals by EPA Method SW846 6010 (mg/kg)								
7429-90-5	Aluminum	NA	NA	NA	**3570**		**9520**	
7440-36-0	Antimony	NA	NA	NA	19.4	U	6.90	U
7440-38-2	Arsenic	16	16	13	4.85	U	**2.41**	
7440-39-3	Barium	820	400	350	97.1	U	**63.8**	
7440-41-7	Beryllium	47	72	7.2	2.43	U	0.862	U
7440-43-9	Cadmium	7.5	4.3	2.5	2.43	U	0.862	U
7440-70-2	Calcium	NA	NA	NA	**22800**		**10200**	
7440-47-3	Chromium	NA	NA	NA	9.71	U	**16.6**	
7440-48-4	Cobalt	NA	NA	NA	24.3	U	8.62	U
7440-50-8	Copper	1720	270	50	**27.3**		**23.2**	
7439-89-6	Iron	NA	NA	NA	**9180**		**15400**	
7439-92-1	Lead	450	400	63	**10.2**		**31.5**	
7439-95-4	Magnesium	NA	NA	NA	**10700**		**7330**	
7439-96-5	Manganese	2000	2000	1600	**211**		**274**	
7440-02-0	Nickel	130	310	30	19.4	U	**14.7**	
9/7/7440	Potassium	NA	NA	NA	**762**		**1490**	
7782-49-2	Selenium	4	180	3.9	9.71	U	3.45	U
7440-22-4	Silver	8.3	180	2	2.43	U	0.862	U
7440-23-5	Sodium	NA	NA	NA	**3730**		**447**	
7440-28-0	Thallium	NA	NA	NA	7.28	U	2.59	U
7440-62-2	Vanadium	NA	NA	NA	24.3	U	**25.3**	
7440-66-6	Zinc	2480	10000	109	**166**		**62.4**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)								
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00801	U	0.00229	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00801	U	0.00229	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00801	U	0.00229	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00801	U	0.00229	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00801	U	0.00229	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00801	U	0.00229	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00801	U	0.00229	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00801	U	0.00229	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00801	U	0.00229	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00801	U	0.00229	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00801	U	**0.00417**	J
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00801	U	0.00229	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00801	U	0.00229	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00801	U	0.00229	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00801	U	0.00229	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00801	U	0.00229	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00801	U	0.00229	U

Table 16
Endpoint Sample Results Summary
November 4, 2015 (EP-13 and EP-9b)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502015					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502015-01**		**1502015-02**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-13**		**EP-9b**	
Sample Depth (feet below grade surface):					**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/04/15**		**11/04/15**	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00801	U	0.00229	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00801	U	0.00229	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00801	U	0.00229	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00801	U	0.00229	U
78-93-3	2-Butanone	0.12	100	0.12	0.00801	U	0.00229	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00801	U	0.00229	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00801	U	0.00229	U
591-78-6	2-Hexanone	NA	NA	NA	0.00801	U	0.00229	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00801	U	0.00229	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00801	U	0.00229	U
67-64-1	Acetone	0.05	100	0.05	**0.0719**		0.00229	U
107-02-8	Acrolein	NA	NA	NA	0.0481	U	0.0138	U
107-13-1	Acrylonitrile	NA	NA	NA	0.0160	U	0.00459	U
71-43-2	Benzene	0.06	4.8	0.06	0.00801	U	0.00229	U
108-86-1	Bromobenzene	NA	NA	NA	0.00801	U	0.00229	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00801	U	0.00229	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00801	U	0.00229	U
75-25-2	Bromoform	NA	NA	NA	0.00801	U	0.00229	U
74-83-9	Bromomethane	NA	NA	NA	0.00801	U	0.00229	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00801	U	0.00229	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00801	U	0.00229	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00801	U	0.00229	U
75-00-3	Chloroethane	NA	NA	NA	0.00801	U	0.00229	U
67-66-3	Chloroform	0.37	49	0.37	0.00801	U	0.00229	U
74-87-3	Chloromethane	NA	NA	NA	0.00801	U	0.00229	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00801	U	0.00229	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00801	U	0.00229	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00801	U	0.00229	U
74-95-3	Dibromomethane	NA	NA	NA	0.00801	U	0.00229	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00801	U	0.00229	U
100-41-4	Ethylbenzene	1	41	1	0.00801	U	0.00229	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00801	U	0.00229	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00801	U	**0.00259**	J
108-38-3/106-42-	m,p-Xylenes	0.8	50	0.13	0.0160	U	0.00459	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00801	U	0.00229	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00801	U	0.00229	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00801	U	**0.00454**	J
95-47-6	o-Xylene	0.8	50	0.13	0.0160	U	0.00459	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00801	U	0.00229	U

Table 16
Endpoint Sample Results Summary
November 4, 2015 (EP-13 and EP-9b)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502015					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502015-01**		**1502015-02**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-13**		**EP-9b**	
Sample Depth (feet below grade surface):					**15**		**15**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/04/15**		**11/04/15**	
135-98-8	sec-Butylbenzene	11	100	11	0.00801	U	0.00229	U
100-42-5	Styrene	NA	NA	NA	0.00801	U	0.00229	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00801	U	0.00229	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00801	U	0.00229	U
108-88-3	Toluene	0.7	100	0.7	0.00801	U	0.00229	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00801	U	0.00229	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00801	U	0.00229	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00801	U	0.00229	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00801	U	0.00229	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00801	U	0.00229	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00801	U	0.00229	U
Wet Chemistry (%)								
	Percent Solids	NA	NA	NA	**20.6**		**58.0**	
Wet Chemistry (mg/kg)								
	Cyanide (total)	40	27	27	4.85	U	1.72	U

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
EPA Method SW846 8081/8082 (mg/kg)										
72-54-8	4,4'-DDD	14	13	0.0033	0.00211	U	0.00229	U	0.00158	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00211	U	0.00229	U	0.00158	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00211	U	0.00229	U	0.00158	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00105	U	0.00114	U	0.000784	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00105	U	0.00114	U	0.000784	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00105	U	0.00114	U	0.000784	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0263	U	0.0286	U	0.0197	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0263	U	0.0286	U	0.0197	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0263	U	0.0286	U	0.0197	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00105	U	0.00114	U	0.000784	U
319-86-8	delta-BHC	0.25	100	0.04	0.00105	U	0.00114	U	0.000784	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00211	U	0.00229	U	0.00158	U
959-98-8	Endosulfan I	102	24	2.4	0.00105	U	0.00114	U	0.000784	U
33213-65-9	Endosulfan II	102	24	2.4	0.00211	U	0.00229	U	0.00158	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00211	U	0.00229	U	0.00158	U
72-20-8	Endrin	0.06	11	0.014	0.00211	U	0.00229	U	0.00158	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00211	U	0.00229	U	0.00158	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00211	U	0.00229	U	0.00158	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00105	U	0.00114	U	0.000784	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00105	U	0.00114	U	0.000784	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00105	U	0.00114	U	0.000784	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00105	U	0.00114	U	0.000784	U
72-43-5	Methoxychlor	NA	NA	NA	0.0106	U	0.0115	U	0.00791	U
8001-35-2	Toxaphene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)										
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0529	U	0.0574	U	0.0395	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0529	U	0.0574	U	0.0395	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0529	U	0.0574	U	0.0395	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.0874**	J	0.0574	U	**0.706**	
95-48-7	2-Methylphenol	0.33	100	0.33	0.0529	U	0.0574	U	0.0395	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0529	U	0.0574	U	0.0395	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.132	U	0.143	U	0.0986	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
83-32-9	Acenaphthene	98	100	20	**0.139**	J	0.0574	U	**0.310**	
208-96-8	Acenaphthylene	107	100	100	0.0529	U	0.0574	U	**0.0478**	J
120-12-7	Anthracene	1000	100	100	**0.335**		**0.0842**	J	**0.514**	

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
56-55-3	Benzo[a]anthracene	1	1	1	**0.539**		**0.226**	J	**1.03**	
50-32-8	Benzo[a]pyrene	22	1	1	**0.504**		**0.245**	J	**1.03**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.492**		**0.249**	J	**0.956**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.201**	J	**0.0861**	J	**0.277**	
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.399**		**0.200**	J	**0.988**	
65-85-0	Benzoic acid	NA	NA	NA	0.132	U	0.143	U	0.0986	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	**0.193**	J	0.0574	U	**0.0617**	J
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
218-01-9	Chrysene	1	3.9	1	**0.526**		**0.236**	J	**1.09**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0529	U	0.0574	U	**0.124**	J
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.111**	J	0.0574	U	**0.128**	J
132-64-9	Dibenzofuran	210	59	7	**0.130**	J	0.0574	U	**0.162**	J
84-66-2	Diethyl phthalate	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
206-44-0	Fluoranthene	1000	100	100	**1.44**		**0.532**		**2.50**	
86-73-7	Fluorene	386	100	30	**0.204**	J	0.0574	U	**0.336**	
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0529	U	0.0574	U	0.0395	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.202**	J	**0.0879**	J	**0.303**	
78-59-1	Isophorone	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
91-20-3	Naphthalene	12	100	12	**0.252**	J	0.0574	U	**0.521**	

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
98-95-3	Nitrobenzene	NA	NA	NA	0.0529	U	0.0574	U	0.0395	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0529	U	0.0574	U	0.0395	U
85-01-8	Phenanthrene	1000	100	100	**1.37**		**0.338**		**2.31**	
108-95-2	Phenol	0.33	100	0.33	0.0529	U	0.0574	U	0.0395	U
129-00-0	Pyrene	1000	100	100	**1.10**		**0.453**		**2.17**	
Total Mercury by SW846 7471 (mg/kg)										
7439-97-6	Mercury	0.73	0.81	0.18	0.119	U	0.129	U	**0.158**	
Total Metals by EPA Method SW846 6010 (mg/kg)										
7429-90-5	Aluminum	NA	NA	NA	**8800**		**12500**		**11300**	
7440-36-0	Antimony	NA	NA	NA	6.35	U	6.90	U	4.75	U
7440-38-2	Arsenic	16	16	13	**2.88**		**4.25**		**3.66**	
7440-39-3	Barium	820	400	350	**65.7**		**72.1**		**79.6**	
7440-41-7	Beryllium	47	72	7.2	0.794	U	0.862	U	0.594	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.794	U	0.862	U	0.594	U
7440-70-2	Calcium	NA	NA	NA	**9570**		**9880**		**13400**	
7440-47-3	Chromium	NA	NA	NA	**15.8**		**21.2**		**21.4**	
7440-48-4	Cobalt	NA	NA	NA	7.94	U	8.62	U	**8.44**	
7440-50-8	Copper	1720	270	50	**30.7**		**35.1**		**61.0**	
7439-89-6	Iron	NA	NA	NA	**15300**		**21600**		**22200**	
7439-92-1	Lead	450	400	63	**58.0**		**74.3**		**149**	
7439-95-4	Magnesium	NA	NA	NA	**7320**		**7480**		**6940**	
7439-96-5	Manganese	2000	2000	1600	**239**		**298**		**412**	
7440-02-0	Nickel	130	310	30	**15.3**		**16.5**		**14.7**	
9/7/7440	Potassium	NA	NA	NA	**1510**		**1690**		**1580**	
7782-49-2	Selenium	4	180	3.9	3.17	U	3.45	U	2.38	U
7440-22-4	Silver	8.3	180	2	0.794	U	0.862	U	0.594	U
7440-23-5	Sodium	NA	NA	NA	**412**		**1130**		**173**	
7440-28-0	Thallium	NA	NA	NA	2.38	U	2.59	U	1.78	U
7440-62-2	Vanadium	NA	NA	NA	**21.2**		**29.7**		**32.0**	
7440-66-6	Zinc	2480	10000	109	**107**		**130**		**158**	

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)										
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00227	U	0.00172	U	0.00119	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00227	U	0.00172	U	0.00119	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00227	U	0.00172	U	0.00119	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00227	U	0.00172	U	**0.0190**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00227	U	0.00172	U	0.00119	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00227	U	0.00172	U	0.00119	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00227	U	0.00172	U	**0.0297**	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00227	U	0.00172	U	0.00119	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00227	U	0.00172	U	0.00119	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
78-93-3	2-Butanone	0.12	100	0.12	0.00227	U	**0.0848**		0.00119	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
591-78-6	2-Hexanone	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
67-64-1	Acetone	0.05	100	0.05	**0.0134**	B	**0.344**	B	**0.0502**	B
107-02-8	Acrolein	NA	NA	NA	0.0136	U	0.0103	U	0.00713	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00454	U	0.00345	U	0.00238	U

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
71-43-2	Benzene	0.06	4.8	0.06	0.00227	U	0.00172	U	0.00119	U
108-86-1	Bromobenzene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
75-25-2	Bromoform	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
74-83-9	Bromomethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00227	U	**0.00259**	J	0.00119	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00227	U	0.00172	U	0.00119	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00227	U	0.00172	U	0.00119	U
75-00-3	Chloroethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
67-66-3	Chloroform	0.37	49	0.37	0.00227	U	0.00172	U	0.00119	U
74-87-3	Chloromethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00227	U	0.00172	U	0.00119	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
74-95-3	Dibromomethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
100-41-4	Ethylbenzene	1	41	1	0.00227	U	0.00172	U	**0.00369**	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00227	U	0.00172	U	**0.00939**	
108-38-3/106-42-	m,p-Xylenes	0.8	50	0.13	0.00454	U	0.00345	U	**0.00690**	
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00322**	JB	0.00172	U	0.00119	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00227	U	0.00172	U	**0.0126**	
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00227	U	0.00172	U	**0.0183**	
95-47-6	o-Xylene	0.8	50	0.13	0.00454	U	0.00345	U	**0.0131**	
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00227	U	0.00172	U	**0.00688**	
135-98-8	sec-Butylbenzene	11	100	11	0.00227	U	0.00172	U	**0.00583**	
100-42-5	Styrene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00227	U	0.00172	U	**0.00135**	J
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00227	U	0.00172	U	0.00119	U
108-88-3	Toluene	0.7	100	0.7	0.00227	U	0.00172	U	0.00119	U

Table 17
Endpoint Sample Results Summary
November 9, 2015 (EP-14, EP-15, and EP-16)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502031					Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1502031-01**		**1502031-02**		**1502031-03**	
Client: BRINKERHOFF ENVIRONMENTAL - 138th Street, Bronx, NY					**EP-14**		**EP-15**		**EP-16**	
Sample Depth (feet below grade surface):					**15**		**15**		**13**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/09/15**		**11/09/15**		**11/09/15**	
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00227	U	0.00172	U	0.00119	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00227	U	0.00172	U	0.00119	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00227	U	0.00172	U	0.00119	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00227	U	0.00172	U	0.00119	U
Wet Chemistry (%)										
	Percent Solids	NA	NA	NA	**63.0**		**58.0**		**84.2**	
Wet Chemistry (mg/kg)										
	Cyanide (total)	40	27	27	1.59	U	1.72	U	1.19	U

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 18
Endpoint Sample Results Summary
November 17, 2015 (EP-17)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502101					Result	Q
Lab: Accredited Analytical Resources LLC					**1502101-01**	
Sample Depth (feet below grade surface):					**12-13**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-17**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/17/15**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00251	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00251	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00251	U
309-00-2	Aldrin	0.19	0.097	0.005	0.00125	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00125	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00125	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0313	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0313	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0313	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0313	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0313	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0313	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0313	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0313	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0313	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.00125	U
319-86-8	delta-BHC	0.25	100	0.04	0.00125	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00251	U
959-98-8	Endosulfan I	102	24	2.4	0.00125	U
33213-65-9	Endosulfan II	102	24	2.4	0.00251	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00251	U
72-20-8	Endrin	0.06	11	0.014	0.00251	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00251	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00251	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00125	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00125	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.00125	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00125	U
72-43-5	Methoxychlor	NA	NA	NA	0.0126	U
8001-35-2	Toxaphene	NA	NA	NA	0.0628	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0628	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0628	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0628	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0628	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0628	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0628	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0628	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0628	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0628	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0628	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0628	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0628	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0628	U

Table 18
Endpoint Sample Results Summary
November 17, 2015 (EP-17)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502101					Result	Q
Lab: Accredited Analytical Resources LLC					**1502101-01**	
Sample Depth (feet below grade surface):					**12-13**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-17**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/17/15**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0628	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0628	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0628	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0628	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0628	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.157	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0628	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0628	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0628	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0628	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0628	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0628	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0628	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0628	U
83-32-9	Acenaphthene	98	100	20	**0.112**	J
208-96-8	Acenaphthylene	107	100	100	0.0628	U
120-12-7	Anthracene	1000	100	100	**0.106**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.231**	J
50-32-8	Benzo[a]pyrene	22	1	1	**0.247**	J
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.224**	J
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.130**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.201**	J
65-85-0	Benzoic acid	NA	NA	NA	**0.314**	J
100-51-6	Benzyl alcohol	NA	NA	NA	0.0628	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0628	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0628	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0628	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0628	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0628	U
218-01-9	Chrysene	1	3.9	1	**0.239**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0628	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0628	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.0700**	J
132-64-9	Dibenzofuran	210	59	7	0.0628	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0628	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0628	U
206-44-0	Fluoranthene	1000	100	100	**0.580**	
86-73-7	Fluorene	386	100	30	**0.0914**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0628	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0628	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0628	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0628	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.132**	J
78-59-1	Isophorone	NA	NA	NA	0.0628	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0628	U

Table 18
Endpoint Sample Results Summary
November 17, 2015 (EP-17)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502101					Result	Q
Lab: Accredited Analytical Resources LLC					**1502101-01**	
Sample Depth (feet below grade surface):					**12-13**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-17**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/17/15**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0628	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0628	U
91-20-3	Naphthalene	12	100	12	**0.132**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0628	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0628	U
85-01-8	Phenanthrene	1000	100	100	**0.438**	
108-95-2	Phenol	0.33	100	0.33	0.0628	U
129-00-0	Pyrene	1000	100	100	**0.431**	
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.142	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**8580**	
7440-36-0	Antimony	NA	NA	NA	7.55	U
7440-38-2	Arsenic	16	16	13	**3.28**	
7440-39-3	Barium	820	400	350	**60.1**	
7440-41-7	Beryllium	47	72	7.2	0.943	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.943	U
7440-70-2	Calcium	NA	NA	NA	**10200**	
7440-47-3	Chromium	NA	NA	NA	**15.0**	
7440-48-4	Cobalt	NA	NA	NA	9.43	U
7440-50-8	Copper	1720	270	50	**21.7**	
7439-89-6	Iron	NA	NA	NA	**19200**	
7439-92-1	Lead	450	400	63	**39.2**	
7439-95-4	Magnesium	NA	NA	NA	**7530**	
7439-96-5	Manganese	2000	2000	1600	**234**	
7440-02-0	Nickel	130	310	30	**13.2**	
2023-69-5	Potassium	NA	NA	NA	**1190**	
7782-49-2	Selenium	4	180	3.9	3.77	U
7440-22-4	Silver	8.3	180	2	0.943	U
7440-23-5	Sodium	NA	NA	NA	**1140**	
7440-28-0	Thallium	NA	NA	NA	2.83	U
7440-62-2	Vanadium	NA	NA	NA	**20.7**	
7440-66-6	Zinc	2480	10000	109	**55.7**	

Table 18
Endpoint Sample Results Summary
November 17, 2015 (EP-17)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502101					Result	Q
Lab: Accredited Analytical Resources LLC					**1502101-01**	
Sample Depth (feet below grade surface):					**12-13**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-17**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/17/15**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00417	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00417	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00417	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00417	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00417	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00417	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00417	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00417	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00417	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00417	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	**0.00672**	J
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00417	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00417	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00417	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00417	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00417	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00417	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00417	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00417	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00417	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00417	U
78-93-3	2-Butanone	0.12	100	0.12	0.00417	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00417	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00417	U
591-78-6	2-Hexanone	NA	NA	NA	0.00417	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00417	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00417	U
67-64-1	Acetone	0.05	100	0.05	**0.0730**	
107-02-8	Acrolein	NA	NA	NA	0.0250	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00835	U
71-43-2	Benzene	0.06	4.8	0.06	0.00417	U
108-86-1	Bromobenzene	NA	NA	NA	0.00417	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00417	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00417	U
75-25-2	Bromoform	NA	NA	NA	0.00417	U
74-83-9	Bromomethane	NA	NA	NA	0.00417	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00417	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00417	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00417	U
75-00-3	Chloroethane	NA	NA	NA	0.00417	U
67-66-3	Chloroform	0.37	49	0.37	0.00417	U
74-87-3	Chloromethane	NA	NA	NA	0.00417	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00417	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00417	U

Table 18
Endpoint Sample Results Summary
November 17, 2015 (EP-17)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502101					Result	Q
Lab: Accredited Analytical Resources LLC					**1502101-01**	
Sample Depth (feet below grade surface):					**12-13**	
Client: BRINKERHOFF ENVIRONMENTAL - E. 138th Street, Bronx, NY; 10BR188					**EP-17**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/17/15**	
124-48-1	Dibromochloromethane	NA	NA	NA	0.00417	U
74-95-3	Dibromomethane	NA	NA	NA	0.00417	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00417	U
100-41-4	Ethylbenzene	1	41	1	0.00417	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00417	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00417	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00835	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00626**	J
104-51-8	n-Butyl Benzene	NA	NA	12	0.00417	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00417	U
95-47-6	o-Xylene	0.8	50	0.13	0.00835	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00417	U
135-98-8	sec-Butylbenzene	11	100	11	0.00417	U
100-42-5	Styrene	NA	NA	NA	0.00417	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00417	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00417	U
108-88-3	Toluene	0.7	100	0.7	0.00417	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00417	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00417	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00417	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00417	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00417	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00417	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**53.0**	
Wet Chemistry (mg/kg)						
	Cyanide (total)	40	27	27	1.89	U

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL

Table 19
Endpoint Sample Results Summary
December 22, 2015
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502312					**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502312-01**		**1502312-02**		**1502312-03**	
Sample Depth (feet below grade surface):					**15**		**15**		**15**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, N					**CR-1**		**CR-2**		**CR-3**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/22/15**		**12/22/15**		**12/22/15**	
Total Metals by EPA Method SW846 6010 (mg/kg)										
7440-47-3	Chromium	NA	NA	NA	**9.75**		**13.1**		**9.55**	
Wet Chemistry (%)										
	Percent Solids	NA	NA	NA	**81.2**		**81.2**		**80.0**	
Wet Chemistry (mg/kg)										
1854-02-99	Chromium, Hexavalent	19	110	1	2.46	U	2.46	U	2.50	U
16065-83-1	Trivalent Chromium	NA	180	30	**9.75**		**13.1**		**9.55**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, and the NYPGW Standards
NA = Not Applicable
mg/kg = miligrams per kilogram
Bold = detected compounds

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 20
Endpoint Sample Results Summary
December 23, 2015 (EP-18)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502323					Result	Q
Lab: Accredited Analytical Resources LLC					1502323-01	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					EP-18	
Sample Depth (feet below grade surface):					15-18	
CAS#	Compound	NYPGW	NYRRES	NYURU	12/23/15	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00187	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00187	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00187	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000926	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000926	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000926	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0233	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0233	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0233	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0233	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0233	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0233	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0233	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0233	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0233	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000926	U
319-86-8	delta-BHC	0.25	100	0.04	0.000926	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00187	U
959-98-8	Endosulfan I	102	24	2.4	0.000926	U
33213-65-9	Endosulfan II	102	24	2.4	0.00187	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00187	U
72-20-8	Endrin	0.06	11	0.014	0.00187	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00187	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00187	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000926	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000926	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000926	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000926	U
72-43-5	Methoxychlor	NA	NA	NA	0.00281	U
8001-35-2	Toxaphene	NA	NA	NA	0.0467	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0467	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0467	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0467	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0467	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0467	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0467	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0467	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0467	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0467	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0467	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0467	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0467	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0467	U

Table 20
Endpoint Sample Results Summary
December 23, 2015 (EP-18)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502323					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502323-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-18**	
Sample Depth (feet below grade surface):					**15-18**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/23/15**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0467	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0467	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0467	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0467	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0467	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.116	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0467	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0467	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0467	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0467	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0467	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0467	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0467	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0467	U
83-32-9	Acenaphthene	98	100	20	0.0467	U
208-96-8	Acenaphthylene	107	100	100	0.0467	U
120-12-7	Anthracene	1000	100	100	**0.0818**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.238**	
50-32-8	Benzo[a]pyrene	22	1	1	**0.219**	J
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.223**	J
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.115**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.200**	J
65-85-0	Benzoic acid	NA	NA	NA	0.116	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0467	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0467	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0467	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0467	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0467	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0467	U
218-01-9	Chrysene	1	3.9	1	**0.285**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0467	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0467	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.0477**	J
132-64-9	Dibenzofuran	210	59	7	0.0467	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0467	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0467	U
206-44-0	Fluoranthene	1000	100	100	**0.581**	
86-73-7	Fluorene	386	100	30	0.0467	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0467	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0467	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0467	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0467	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.113**	J
78-59-1	Isophorone	NA	NA	NA	0.0467	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0467	U

Table 20
Endpoint Sample Results Summary
December 23, 2015 (EP-18)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502323					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502323-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-18**	
Sample Depth (feet below grade surface):					**15-18**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/23/15**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0467	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0467	U
91-20-3	Naphthalene	12	100	12	0.0467	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0467	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0467	U
85-01-8	Phenanthrene	1000	100	100	**0.462**	
108-95-2	Phenol	0.33	100	0.33	0.0467	U
129-00-0	Pyrene	1000	100	100	**0.531**	
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	**0.108**	
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**7830**	
7440-36-0	Antimony	NA	NA	NA	5.61	U
7440-38-2	Arsenic	16	16	13	**2.77**	
7440-39-3	Barium	820	400	350	**60.3**	
7440-41-7	Beryllium	47	72	7.2	0.701	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.701	U
7440-70-2	Calcium	NA	NA	NA	**12900**	
7440-47-3	Chromium	NA	NA	NA	**16.1**	
7440-48-4	Cobalt	NA	NA	NA	7.01	U
7440-50-8	Copper	1720	270	50	**24.4**	
7439-89-6	Iron	NA	NA	NA	**13800**	
7439-92-1	Lead	450	400	63	**48.5**	
7439-95-4	Magnesium	NA	NA	NA	**8720**	
7439-96-5	Manganese	2000	2000	1600	**319**	
7440-02-0	Nickel	130	310	30	**10.5**	
9/7/7440	Potassium	NA	NA	NA	**1640**	
7782-49-2	Selenium	4	180	3.9	2.81	U
7440-22-4	Silver	8.3	180	2	0.701	U
7440-23-5	Sodium	NA	NA	NA	**209**	
7440-28-0	Thallium	NA	NA	NA	2.10	U
7440-62-2	Vanadium	NA	NA	NA	**22.0**	
7440-66-6	Zinc	2480	10000	109	**64.4**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00140	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00140	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00140	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00140	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00140	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00140	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00140	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00140	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00140	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00140	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00140	U

Table 20
Endpoint Sample Results Summary
December 23, 2015 (EP-18)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502323					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502323-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-18**	
Sample Depth (feet below grade surface):					**15-18**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/23/15**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00140	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00140	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00140	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00140	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00140	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00140	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00140	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00140	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00140	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00140	U
78-93-3	2-Butanone	0.12	100	0.12	0.00140	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00140	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00140	U
591-78-6	2-Hexanone	NA	NA	NA	0.00140	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00140	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00140	U
67-64-1	Acetone	0.05	100	0.05	**0.0208**	
107-02-8	Acrolein	NA	NA	NA	0.00842	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00281	U
71-43-2	Benzene	0.06	4.8	0.06	0.00140	U
108-86-1	Bromobenzene	NA	NA	NA	0.00140	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00140	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00140	U
75-25-2	Bromoform	NA	NA	NA	0.00140	U
74-83-9	Bromomethane	NA	NA	NA	0.00140	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00140	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00140	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00140	U
75-00-3	Chloroethane	NA	NA	NA	0.00140	U
67-66-3	Chloroform	0.37	49	0.37	0.00140	U
74-87-3	Chloromethane	NA	NA	NA	0.00140	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00140	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00140	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00140	U
74-95-3	Dibromomethane	NA	NA	NA	0.00140	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00140	U
100-41-4	Ethylbenzene	1	41	1	0.00140	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00140	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00140	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00281	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00140	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00140	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00140	U
95-47-6	o-Xylene	0.8	50	0.13	0.00281	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	**0.00173**	J

Table 20
Endpoint Sample Results Summary
December 23, 2015 (EP-18)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502323					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502323-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-18**	
Sample Depth (feet below grade surface):					**15-18**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/23/15**	
135-98-8	sec-Butylbenzene	11	100	11	0.00140	U
100-42-5	Styrene	NA	NA	NA	0.00140	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00140	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00140	U
108-88-3	Toluene	0.7	100	0.7	0.00140	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00140	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00140	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00140	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00140	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00140	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00140	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**71.3**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.81	U
	Cyanide (total)	40	27	27	1.40	U
16065-83-1	Trivalent Chromium	NA	180	30	**16.1**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, or NYPGW
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 21
Endpoint Sample Results Summary
December 28, 2015 (EP-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502333					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502333-01**	
Sample Depth (feet below grade surface):					**16-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-19**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/28/15**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00168	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00168	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00168	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000835	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000835	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000835	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0210	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0210	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0210	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0210	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0210	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0210	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0210	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0210	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0210	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000835	U
319-86-8	delta-BHC	0.25	100	0.04	0.000835	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00168	U
959-98-8	Endosulfan I	102	24	2.4	0.000835	U
33213-65-9	Endosulfan II	102	24	2.4	0.00168	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00168	U
72-20-8	Endrin	0.06	11	0.014	0.00168	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00168	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00168	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000835	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000835	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000835	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000835	U
72-43-5	Methoxychlor	NA	NA	NA	0.00253	U
8001-35-2	Toxaphene	NA	NA	NA	0.0422	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0422	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0422	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0422	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0422	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0422	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0422	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0422	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0422	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0422	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0422	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0422	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0422	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0422	U

Table 21
Endpoint Sample Results Summary
December 28, 2015 (EP-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502333					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502333-01**	
Sample Depth (feet below grade surface):					**16-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-19**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/28/15**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0422	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0422	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0422	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0422	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0422	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.105	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0422	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0422	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0422	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0422	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0422	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0422	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0422	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0422	U
83-32-9	Acenaphthene	98	100	20	0.0422	U
208-96-8	Acenaphthylene	107	100	100	0.0422	U
120-12-7	Anthracene	1000	100	100	0.0422	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0422	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0422	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0422	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0422	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0422	U
65-85-0	Benzoic acid	NA	NA	NA	0.105	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0422	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0422	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0422	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0422	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0422	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0422	U
218-01-9	Chrysene	1	3.9	1	0.0422	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0422	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0422	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0422	U
132-64-9	Dibenzofuran	210	59	7	0.0422	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0422	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0422	U
206-44-0	Fluoranthene	1000	100	100	0.0422	U
86-73-7	Fluorene	386	100	30	0.0422	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0422	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0422	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0422	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0422	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0422	U
78-59-1	Isophorone	NA	NA	NA	0.0422	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0422	U

Table 21
Endpoint Sample Results Summary
December 28, 2015 (EP-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502333					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502333-01**	
Sample Depth (feet below grade surface):					**16-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-19**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/28/15**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0422	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0422	U
91-20-3	Naphthalene	12	100	12	0.0422	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0422	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0422	U
85-01-8	Phenanthrene	1000	100	100	0.0422	U
108-95-2	Phenol	0.33	100	0.33	0.0422	U
129-00-0	Pyrene	1000	100	100	0.0422	U
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0949	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**8440**	
7440-36-0	Antimony	NA	NA	NA	5.06	U
7440-38-2	Arsenic	16	16	13	**1.85**	
7440-39-3	Barium	820	400	350	**39.1**	
7440-41-7	Beryllium	47	72	7.2	0.633	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.633	U
7440-70-2	Calcium	NA	NA	NA	**1630**	
7440-47-3	Chromium	NA	NA	NA	**13.6**	
7440-48-4	Cobalt	NA	NA	NA	**8.24**	
7440-50-8	Copper	1720	270	50	**13.3**	
7439-89-6	Iron	NA	NA	NA	**12200**	
7439-92-1	Lead	450	400	63	**8.20**	
7439-95-4	Magnesium	NA	NA	NA	**4060**	
7439-96-5	Manganese	2000	2000	1600	**98.8**	
7440-02-0	Nickel	130	310	30	**15.2**	
2023-69-5	Potassium	NA	NA	NA	**994**	
7782-49-2	Selenium	4	180	3.9	2.53	U
7440-22-4	Silver	8.3	180	2	0.633	U
7440-23-5	Sodium	NA	NA	NA	**124**	
7440-28-0	Thallium	NA	NA	NA	1.90	U
7440-62-2	Vanadium	NA	NA	NA	**12.7**	
7440-66-6	Zinc	2480	10000	109	**45.5**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00181	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00181	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00181	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00181	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00181	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00181	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00181	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00181	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00181	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00181	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00181	U

Table 21
Endpoint Sample Results Summary
December 28, 2015 (EP-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502333					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502333-01**	
Sample Depth (feet below grade surface):					**16-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-19**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/28/15**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00181	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00181	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00181	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00181	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00181	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00181	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00181	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00181	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00181	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00181	U
78-93-3	2-Butanone	0.12	100	0.12	0.00181	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00181	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00181	U
591-78-6	2-Hexanone	NA	NA	NA	0.00181	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00181	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00181	U
67-64-1	Acetone	0.05	100	0.05	**0.00922**	
107-02-8	Acrolein	NA	NA	NA	0.0108	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00362	U
71-43-2	Benzene	0.06	4.8	0.06	0.00181	U
108-86-1	Bromobenzene	NA	NA	NA	0.00181	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00181	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00181	U
75-25-2	Bromoform	NA	NA	NA	0.00181	U
74-83-9	Bromomethane	NA	NA	NA	0.00181	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00181	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00181	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00181	U
75-00-3	Chloroethane	NA	NA	NA	0.00181	U
67-66-3	Chloroform	0.37	49	0.37	0.00181	U
74-87-3	Chloromethane	NA	NA	NA	0.00181	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00181	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00181	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00181	U
74-95-3	Dibromomethane	NA	NA	NA	0.00181	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00181	U
100-41-4	Ethylbenzene	1	41	1	0.00181	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00181	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00181	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00362	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00181	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00181	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00181	U
95-47-6	o-Xylene	0.8	50	0.13	0.00362	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00181	U

Table 21
Endpoint Sample Results Summary
December 28, 2015 (EP-19)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1502333					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1502333-01**	
Sample Depth (feet below grade surface):					**16-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street, Bronx, NY					**EP-19**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/28/15**	
135-98-8	sec-Butylbenzene	11	100	11	0.00181	U
100-42-5	Styrene	NA	NA	NA	0.00181	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00181	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00181	U
108-88-3	Toluene	0.7	100	0.7	0.00181	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00181	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00181	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00181	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00181	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00181	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00181	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**79.0**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.53	U
	Cyanide (total)	40	27	27	1.27	U
16065-83-1	Trivalent Chromium	NA	180	30	**13.6**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected a concentrations exceeding the NYURU, NYRRES, or NYPGW
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 22
Endpoint Sample Results Summary
February 10, 2015 (EP-20)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1600232					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1600232-01		1600232-01RE1	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					EP-20		EP-20	
Sample Depth (feet below grade surface):					9.5		9.5	
CAS#	Compound	NYPGW	NYRRES	NYURU	02/10/16		02/10/16	
EPA Method SW846 8081/8082 (mg/kg)								
72-54-8	4,4'-DDD	14	13	0.0033	0.00160	U	~	
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00160	U	~	
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00160	U	~	
309-00-2	Aldrin	0.19	0.097	0.005	0.000795	U	~	
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000795	U	~	
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000795	U	~	
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0200	U	~	
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0200	U	~	
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0200	U	~	
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0200	U	~	
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0200	U	~	
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0200	U	~	
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0200	U	~	
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0200	U	~	
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0200	U	~	
319-85-7	beta-BHC	0.09	0.36	0.036	0.000795	U	~	
319-86-8	delta-BHC	0.25	100	0.04	0.000795	U	~	
60-57-1	Dieldrin	0.1	0.2	0.005	0.00160	U	~	
959-98-8	Endosulfan I	102	24	2.4	0.000795	U	~	
33213-65-9	Endosulfan II	102	24	2.4	0.00160	U	~	
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00160	U	~	
72-20-8	Endrin	0.06	11	0.014	0.00160	U	~	
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00160	U	~	
53494-70-5	Endrin ketone	NA	NA	NA	0.00160	U	~	
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000795	U	~	
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000795	U	~	
76-44-8	Heptachlor	0.38	2.1	0.042	0.000795	U	~	
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000795	U	~	
72-43-5	Methoxychlor	NA	NA	NA	0.00241	U	~	
8001-35-2	Toxaphene	NA	NA	NA	0.0401	U	~	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)								
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0401	U	~	
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0401	U	~	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0401	U	~	
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0401	U	~	
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0401	U	~	
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0401	U	~	
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0401	U	~	
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0401	U	~	
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0401	U	~	
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0401	U	~	
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0401	U	~	
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0401	U	~	
95-57-8	2-Chlorophenol	NA	NA	NA	0.0401	U	~	

Table 22
Endpoint Sample Results Summary
February 10, 2015 (EP-20)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1600232					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1600232-01		1600232-01RE1	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					EP-20		EP-20	
Sample Depth (feet below grade surface):					9.5		9.5	
CAS#	Compound	NYPGW	NYRRES	NYURU	02/10/16		02/10/16	
91-57-6	2-Methylnaphthylene	NA	NA	NA	**4.05**		~	
95-48-7	2-Methylphenol	0.33	100	0.33	0.0401	U	~	
88-74-4	2-Nitroaniline	NA	NA	NA	0.0401	U	~	
88-75-5	2-Nitrophenol	NA	NA	NA	0.0401	U	~	
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0401	U	~	
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.100	U	~	
99-09-2	3-Nitroaniline	NA	NA	NA	0.0401	U	~	
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0401	U	~	
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0401	U	~	
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0401	U	~	
106-47-8	4-Chloroaniline	NA	NA	NA	0.0401	U	~	
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0401	U	~	
100-01-6	4-Nitroaniline	NA	NA	NA	0.0401	U	~	
100-02-7	4-Nitrophenol	NA	NA	NA	0.0401	U	~	
83-32-9	Acenaphthene	98	100	20	0.0401	U	~	
208-96-8	Acenaphthylene	107	100	100	0.0401	U	~	
120-12-7	Anthracene	1000	100	100	0.0401	U	~	
56-55-3	Benzo[a]anthracene	1	1	1	0.0401	U	~	
50-32-8	Benzo[a]pyrene	22	1	1	0.0401	U	~	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0401	U	~	
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0401	U	~	
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0401	U	~	
65-85-0	Benzoic acid	NA	NA	NA	0.100	U	~	
100-51-6	Benzyl alcohol	NA	NA	NA	0.0401	U	~	
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0401	U	~	
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0401	U	~	
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0401	U	~	
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0401	U	~	
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0401	U	~	
218-01-9	Chrysene	1	3.9	1	0.0401	U	~	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0401	U	~	
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0401	U	~	
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0401	U	~	
132-64-9	Dibenzofuran	210	59	7	0.0401	U	~	
84-66-2	Diethyl phthalate	NA	NA	NA	0.0401	U	~	
131-11-3	Dimethylphthalate	NA	NA	NA	0.0401	U	~	
206-44-0	Fluoranthene	1000	100	100	0.0401	U	~	
86-73-7	Fluorene	386	100	30	**0.490**		~	
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0401	U	~	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0401	U	~	
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0401	U	~	
67-72-1	Hexachloroethane	NA	NA	NA	0.0401	U	~	
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0401	U	~	
78-59-1	Isophorone	NA	NA	NA	0.0401	U	~	
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0401	U	~	

Table 22
Endpoint Sample Results Summary
February 10, 2015 (EP-20)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1600232					**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1600232-01**		**1600232-01RE1**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-20**		**EP-20**	
Sample Depth (feet below grade surface):					**9.5**		**9.5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**02/10/16**		**02/10/16**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0401	U	~	
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0401	U	~	
91-20-3	Naphthalene	12	100	12	**2.43**		~	
98-95-3	Nitrobenzene	NA	NA	NA	0.0401	U	~	
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0401	U	~	
85-01-8	Phenanthrene	1000	100	100	**0.964**		~	
108-95-2	Phenol	0.33	100	0.33	0.0401	U	~	
129-00-0	Pyrene	1000	100	100	**0.396**		~	
Total Mercury by SW846 7471 (mg/kg)								
7439-97-6	Mercury	0.73	0.81	0.18	0.0904	U	~	
Total Metals by EPA Method SW846 6010 (mg/kg)								
7429-90-5	Aluminum	NA	NA	NA	**9020**		~	
7440-36-0	Antimony	NA	NA	NA	4.82	U	~	
7440-38-2	Arsenic	16	16	13	**1.91**		~	
7440-39-3	Barium	820	400	350	**54.5**		~	
7440-41-7	Beryllium	47	72	7.2	0.602	U	~	
7440-43-9	Cadmium	7.5	4.3	2.5	0.602	U	~	
7440-70-2	Calcium	NA	NA	NA	**2410**		~	
7440-47-3	Chromium	NA	NA	NA	**19.4**		~	
7440-48-4	Cobalt	NA	NA	NA	**9.45**		~	
7440-50-8	Copper	1720	270	50	**18.0**		~	
7439-89-6	Iron	NA	NA	NA	**13500**		~	
7439-92-1	Lead	450	400	63	**9.03**		~	
7439-95-4	Magnesium	NA	NA	NA	**4150**		~	
7439-96-5	Manganese	2000	2000	1600	**297**		~	
7440-02-0	Nickel	130	310	30	**15.6**		~	
9/7/7440	Potassium	NA	NA	NA	**2190**		~	
7782-49-2	Selenium	4	180	3.9	2.41	U	~	
7440-22-4	Silver	8.3	180	2	0.602	U	~	
7440-23-5	Sodium	NA	NA	NA	**129**		~	
7440-28-0	Thallium	NA	NA	NA	1.81	U	~	
7440-62-2	Vanadium	NA	NA	NA	**27.6**		~	
7440-66-6	Zinc	2480	10000	109	**46.6**		~	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)								
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.241	U	1.20	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.241	U	1.20	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.241	U	1.20	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.241	U	1.20	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.241	U	1.20	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.241	U	1.20	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.241	U	1.20	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.241	U	1.20	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.241	U	1.20	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.241	U	1.20	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	3.6	**112**	DE	**131**	D

Table 22
Endpoint Sample Results Summary
February 10, 2015 (EP-20)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1600232					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1600232-01		1600232-01RE1	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					EP-20		EP-20	
Sample Depth (feet below grade surface):					9.5		9.5	
CAS#	Compound	NYPGW	NYRRES	NYURU	02/10/16		02/10/16	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.241	U	1.20	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.241	U	1.20	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.241	U	1.20	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.241	U	1.20	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.241	U	1.20	U
108-67-8	1,3,5-Trimethylbenzene	8.4	52	8.4	35.1	D	38.3	D
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.241	U	1.20	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.241	U	1.20	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.241	U	1.20	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.241	U	1.20	U
78-93-3	2-Butanone	0.12	100	0.12	0.241	U	1.20	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.241	U	1.20	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.241	U	1.20	U
591-78-6	2-Hexanone	NA	NA	NA	0.241	U	1.20	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.241	U	1.20	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.241	U	1.20	U
67-64-1	Acetone	0.05	100	0.05	0.241	U	1.20	U
107-02-8	Acrolein	NA	NA	NA	1.45	U	7.23	U
107-13-1	Acrylonitrile	NA	NA	NA	0.482	U	2.41	U
71-43-2	Benzene	0.06	4.8	0.06	0.798	D	1.20	U
108-86-1	Bromobenzene	NA	NA	NA	0.241	U	1.20	U
74-97-5	Bromochloromethane	NA	NA	NA	0.241	U	1.20	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.241	U	1.20	U
75-25-2	Bromoform	NA	NA	NA	0.241	U	1.20	U
74-83-9	Bromomethane	NA	NA	NA	0.241	U	1.20	U
75-15-0	Carbon disulfide	NA	NA	NA	0.241	U	1.20	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.241	U	1.20	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.241	U	1.20	U
75-00-3	Chloroethane	NA	NA	NA	0.241	U	1.20	U
67-66-3	Chloroform	0.37	49	0.37	0.241	U	1.20	U
74-87-3	Chloromethane	NA	NA	NA	0.241	U	1.20	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.241	U	1.20	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.241	U	1.20	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.241	U	1.20	U
74-95-3	Dibromomethane	NA	NA	NA	0.241	U	1.20	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.241	U	1.20	U
100-41-4	Ethylbenzene	1	41	1	20.4	D	20.4	D
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.241	U	1.20	U
98-82-8	Isopropylbenzene	NA	NA	NA	**5.92**	D	**6.60**	D
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	83.6	D	82.0	D
75-09-2	Methylene Chloride	0.05	100	0.05	0.241	U	1.20	U
104-51-8	n-Butyl Benzene	NA	NA	12	16.5	D	18.4	D
103-65-1	n-Propyl Benzene	NA	NA	NA	**19.4**	D	**20.6**	D
95-47-6	o-Xylene	0.8	50	0.13	42.3	D	41.8	D
99-87-6	p-Isopropyltoluene	NA	NA	NA	**4.54**	D	**4.80**	D

Table 22
Endpoint Sample Results Summary
February 10, 2015 (EP-20)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1600232					**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1600232-01**		**1600232-01RE1**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-20**		**EP-20**	
Sample Depth (feet below grade surface):					**9.5**		**9.5**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**02/10/16**		**02/10/16**	
135-98-8	sec-Butylbenzene	11	100	11	**7.65**	D	**8.72**	D
100-42-5	Styrene	NA	NA	NA	0.241	U	1.20	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.241	U	1.20	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.241	U	1.20	U
108-88-3	Toluene	0.7	100	0.7	**11.7**	D	**11.3**	D
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.241	U	1.20	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.241	U	1.20	U
79-01-6	Trichloroethene	0.47	21	0.47	0.241	U	1.20	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.241	U	1.20	U
108-05-4	Vinyl acetate	NA	NA	NA	0.241	U	1.20	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.241	U	1.20	U
Wet Chemistry (%)								
	Percent Solids	NA	NA	NA	**83.0**		~	
Wet Chemistry (mg/kg)								
1854-02-99	Chromium, Hexavalent	19	110	1	2.41	U	~	
	Cyanide (total)	40	27	27	1.20	U	~	
16065-83-1	Trivalent Chromium	NA	NA	NA	**19.4**		~	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 23
Endpoint Sample Results Summary
July 21, 2016 (EP-21)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601375					Result	Q
Lab: Accredited Analytical Resources LLC					**1601375-01**	
Sample Depth (feet below grade surface):					**15-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-21**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/21/16**	
	Depth (feet below grade surface):				**18**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00164	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00164	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00164	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000815	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000815	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000815	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0205	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0205	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0205	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0205	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0205	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0205	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0205	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0205	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0205	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000815	U
319-86-8	delta-BHC	0.25	100	0.04	0.000815	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00164	U
959-98-8	Endosulfan I	102	24	2.4	0.000815	U
33213-65-9	Endosulfan II	102	24	2.4	0.00164	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00164	U
72-20-8	Endrin	0.06	11	0.014	0.00164	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00164	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00164	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000815	U
5566-34-7	gamma-Chlordane	NA	NA	NA	**0.0137**	
76-44-8	Heptachlor	0.38	2.1	0.042	0.000815	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000815	U
72-43-5	Methoxychlor	NA	NA	NA	0.00247	U
8001-35-2	Toxaphene	NA	NA	NA	0.0411	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0411	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0411	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0411	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0411	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0411	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0411	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0411	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0411	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0411	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0411	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0411	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0411	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0411	U

Table 23
Endpoint Sample Results Summary
July 21, 2016 (EP-21)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601375					Result	Q
Lab: Accredited Analytical Resources LLC					**1601375-01**	
Sample Depth (feet below grade surface):					**15-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-21**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/21/16**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	**0.0477**	J
95-48-7	2-Methylphenol	0.33	100	0.33	0.0411	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0411	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0411	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0411	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.102	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0411	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0411	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0411	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0411	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0411	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0411	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0411	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0411	U
83-32-9	Acenaphthene	98	100	20	**0.151**	J
208-96-8	Acenaphthylene	107	100	100	**0.0613**	J
120-12-7	Anthracene	1000	100	100	**0.351**	
56-55-3	Benzo[a]anthracene	1	1	1	**0.811**	
50-32-8	Benzo[a]pyrene	22	1	1	**0.759**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**1.18**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.189**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.505**	
65-85-0	Benzoic acid	NA	NA	NA	0.102	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0411	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0411	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0411	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0411	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	**0.0685**	J
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0411	U
218-01-9	Chrysene	1	3.9	1	**0.822**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0411	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0411	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.0692**	J
132-64-9	Dibenzofuran	210	59	7	**0.0962**	J
84-66-2	Diethyl phthalate	NA	NA	NA	0.0411	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0411	U
206-44-0	Fluoranthene	1000	100	100	**1.76**	
86-73-7	Fluorene	386	100	30	**0.162**	J
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0411	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0411	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0411	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0411	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.189**	J
78-59-1	Isophorone	NA	NA	NA	0.0411	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0411	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0411	U

Table 23
Endpoint Sample Results Summary
July 21, 2016 (EP-21)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601375					Result	Q
Lab: Accredited Analytical Resources LLC					**1601375-01**	
Sample Depth (feet below grade surface):					**15-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-21**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/21/16**	
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0411	U
91-20-3	Naphthalene	12	100	12	**0.0653**	J
98-95-3	Nitrobenzene	NA	NA	NA	0.0411	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0411	U
85-01-8	Phenanthrene	1000	100	100	**1.51**	
108-95-2	Phenol	0.33	100	0.33	0.0411	U
129-00-0	Pyrene	1000	100	100	**2.12**	
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	**0.131**	
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**8930**	
7440-36-0	Antimony	NA	NA	NA	4.85	U
7440-38-2	Arsenic	16	16	13	**2.98**	
7440-39-3	Barium	820	400	350	**70.3**	
7440-41-7	Beryllium	47	72	7.2	0.606	U
7440-43-9	Cadmium	7.5	4.3	2.5	**0.905**	
7440-70-2	Calcium	NA	NA	NA	**34600**	D
7440-47-3	Chromium	NA	NA	NA	**29.2**	
7440-48-4	Cobalt	NA	NA	NA	**7.51**	
7440-50-8	Copper	1720	270	50	**39.3**	
7439-89-6	Iron	NA	NA	NA	**19000**	
7439-92-1	Lead	450	400	63	**87.7**	
7439-95-4	Magnesium	NA	NA	NA	**14800**	
7439-96-5	Manganese	2000	2000	1600	**392**	
7440-02-0	Nickel	130	310	30	**16.0**	
7440-09-7	Potassium	NA	NA	NA	**1570**	
7782-49-2	Selenium	4	180	3.9	2.43	U
7440-22-4	Silver	8.3	180	2	0.606	U
7440-23-5	Sodium	NA	NA	NA	**309**	
7440-28-0	Thallium	NA	NA	NA	1.82	U
7440-62-2	Vanadium	NA	NA	NA	**24.4**	
7440-66-6	Zinc	2480	10000	109	**92.0**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00130	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00130	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00130	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00130	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00130	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00130	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00130	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00130	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00130	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00130	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00130	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00130	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00130	U

Table 23
Endpoint Sample Results Summary
July 21, 2016 (EP-21)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601375					Result	Q
Lab: Accredited Analytical Resources LLC					**1601375-01**	
Sample Depth (feet below grade surface):					**15-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-21**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/21/16**	
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00130	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00130	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00130	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00130	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00130	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00130	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00130	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00130	U
78-93-3	2-Butanone	0.12	100	0.12	0.00130	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00130	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00130	U
591-78-6	2-Hexanone	NA	NA	NA	0.00130	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00130	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00130	U
67-64-1	Acetone	0.05	100	0.05	0.00130	U
107-02-8	Acrolein	NA	NA	NA	0.00778	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00259	U
71-43-2	Benzene	0.06	4.8	0.06	0.00130	U
108-86-1	Bromobenzene	NA	NA	NA	0.00130	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00130	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00130	U
75-25-2	Bromoform	NA	NA	NA	0.00130	U
74-83-9	Bromomethane	NA	NA	NA	0.00130	U
75-15-0	Carbon disulfide	NA	NA	NA	**0.00210**	J
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00130	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00130	U
75-00-3	Chloroethane	NA	NA	NA	0.00130	U
67-66-3	Chloroform	0.37	49	0.37	0.00130	U
74-87-3	Chloromethane	NA	NA	NA	0.00130	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00130	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00130	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00130	U
74-95-3	Dibromomethane	NA	NA	NA	0.00130	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00130	U
100-41-4	Ethylbenzene	1	41	1	0.00130	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00130	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00130	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00259	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00130	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00130	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00130	U
95-47-6	o-Xylene	0.8	50	0.13	0.00259	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00130	U
135-98-8	sec-Butylbenzene	11	100	11	0.00130	U
100-42-5	Styrene	NA	NA	NA	0.00130	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00130	U

Table 23
Endpoint Sample Results Summary
July 21, 2016 (EP-21)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601375					Result	Q
Lab: Accredited Analytical Resources LLC					**1601375-01**	
Sample Depth (feet below grade surface):					**15-18**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-21**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/21/16**	
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00130	U
108-88-3	Toluene	0.7	100	0.7	0.00130	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00130	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00130	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00130	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00130	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00130	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00130	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**81.0**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.47	U
	Cyanide (total)	40	27	27	1.23	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**29.2**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = No applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 24
Endpoint Sample Results Summary
July 28, 2016 (EP-22)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601418					Result	Q
Lab: Accredited Analytical Resources LLC					**1601418-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138 Street					**EP-22**	
Sample Deph (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/28/16**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00149	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00149	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00149	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000740	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000740	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000740	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0186	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0186	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0186	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0186	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0186	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0186	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0186	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0186	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0186	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000740	U
319-86-8	delta-BHC	0.25	100	0.04	0.000740	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00149	U
959-98-8	Endosulfan I	102	24	2.4	0.000740	U
33213-65-9	Endosulfan II	102	24	2.4	0.00149	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00149	U
72-20-8	Endrin	0.06	11	0.014	0.00149	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00149	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00149	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000740	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000740	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000740	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000740	U
72-43-5	Methoxychlor	NA	NA	NA	0.00224	U
8001-35-2	Toxaphene	NA	NA	NA	0.0373	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0373	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0373	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0373	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0373	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0373	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0373	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0373	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0373	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0373	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0373	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0373	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0373	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0373	U

Table 24
Endpoint Sample Results Summary
July 28, 2016 (EP-22)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601418					Result	Q
Lab: Accredited Analytical Resources LLC					**1601418-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138 Street					**EP-22**	
Sample Deph (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/28/16**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0373	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0373	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0373	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0373	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0373	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0930	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0373	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0373	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0373	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0373	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0373	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0373	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0373	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0373	U
83-32-9	Acenaphthene	98	100	20	0.0373	U
208-96-8	Acenaphthylene	107	100	100	0.0373	U
120-12-7	Anthracene	1000	100	100	0.0373	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0373	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0373	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0373	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0373	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0373	U
65-85-0	Benzoic acid	NA	NA	NA	0.0930	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0373	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0373	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0373	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0373	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0373	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0373	U
218-01-9	Chrysene	1	3.9	1	0.0373	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0373	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0373	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0373	U
132-64-9	Dibenzofuran	210	59	7	0.0373	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0373	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0373	U
206-44-0	Fluoranthene	1000	100	100	0.0373	U
86-73-7	Fluorene	386	100	30	0.0373	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0373	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0373	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0373	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0373	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0373	U
78-59-1	Isophorone	NA	NA	NA	0.0373	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0373	U

Table 24
Endpoint Sample Results Summary
July 28, 2016 (EP-22)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601418					Result	Q
Lab: Accredited Analytical Resources LLC					**1601418-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138 Street					**EP-22**	
Sample Deph (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/28/16**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0373	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0373	U
91-20-3	Naphthalene	12	100	12	0.0373	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0373	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0373	U
85-01-8	Phenanthrene	1000	100	100	0.0373	U
108-95-2	Phenol	0.33	100	0.33	0.0373	U
129-00-0	Pyrene	1000	100	100	0.0373	U
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0841	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**6740**	
7440-36-0	Antimony	NA	NA	NA	4.48	U
7440-38-2	Arsenic	16	16	13	1.12	U
7440-39-3	Barium	820	400	350	**39.4**	
7440-41-7	Beryllium	47	72	7.2	0.561	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.561	U
7440-70-2	Calcium	NA	NA	NA	**47200**	D
7440-47-3	Chromium	NA	NA	NA	**15.4**	
7440-48-4	Cobalt	NA	NA	NA	**6.21**	
7440-50-8	Copper	1720	270	50	**13.1**	
7439-89-6	Iron	NA	NA	NA	**12100**	
7439-92-1	Lead	450	400	63	**6.79**	
7439-95-4	Magnesium	NA	NA	NA	**29100**	
7439-96-5	Manganese	2000	2000	1600	**515**	
7440-02-0	Nickel	130	310	30	**10.7**	
7440-09-7	Potassium	NA	NA	NA	**1890**	
7782-49-2	Selenium	4	180	3.9	2.24	U
7440-22-4	Silver	8.3	180	2	0.561	U
7440-23-5	Sodium	NA	NA	NA	**166**	
7440-28-0	Thallium	NA	NA	NA	1.68	U
7440-62-2	Vanadium	NA	NA	NA	**24.5**	
7440-66-6	Zinc	2480	10000	109	**36.8**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00104	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00104	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00104	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00104	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00104	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00104	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00104	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00104	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00104	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00104	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00104	U

Table 24
Endpoint Sample Results Summary
July 28, 2016 (EP-22)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601418					Result	Q
Lab: Accredited Analytical Resources LLC					**1601418-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138 Street					**EP-22**	
Sample Deph (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/28/16**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00104	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00104	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00104	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00104	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00104	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00104	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00104	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00104	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00104	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00104	U
78-93-3	2-Butanone	0.12	100	0.12	**0.00219**	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00104	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00104	U
591-78-6	2-Hexanone	NA	NA	NA	0.00104	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00104	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00104	U
67-64-1	Acetone	0.05	100	0.05	**0.00516**	
107-02-8	Acrolein	NA	NA	NA	0.00622	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00207	U
71-43-2	Benzene	0.06	4.8	0.06	0.00104	U
108-86-1	Bromobenzene	NA	NA	NA	0.00104	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00104	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00104	U
75-25-2	Bromoform	NA	NA	NA	0.00104	U
74-83-9	Bromomethane	NA	NA	NA	0.00104	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00104	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00104	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00104	U
75-00-3	Chloroethane	NA	NA	NA	0.00104	U
67-66-3	Chloroform	0.37	49	0.37	0.00104	U
74-87-3	Chloromethane	NA	NA	NA	0.00104	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00104	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00104	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00104	U
74-95-3	Dibromomethane	NA	NA	NA	0.00104	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00104	U
100-41-4	Ethylbenzene	1	41	1	0.00104	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00104	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00104	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00207	U
75-09-2	Methylene Chloride	0.05	100	0.05	**0.00344**	B
104-51-8	n-Butyl Benzene	NA	NA	12	0.00104	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00104	U
95-47-6	o-Xylene	0.8	50	0.13	0.00207	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00104	U

Table 24
Endpoint Sample Results Summary
July 28, 2016 (EP-22)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601418					Result	Q
Lab: Accredited Analytical Resources LLC					**1601418-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138 Street					**EP-22**	
Sample Deph (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**07/28/16**	
135-98-8	sec-Butylbenzene	11	100	11	0.00104	U
100-42-5	Styrene	NA	NA	NA	0.00104	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00104	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00104	U
108-88-3	Toluene	0.7	100	0.7	0.00104	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00104	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00104	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00104	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00104	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00104	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00104	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**89.2**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.24	U
	Cyanide (total)	40	27	27	1.12	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**15.4**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, or NYPGW
~ = compound was not analyzed
NA = No applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 25
Endpoint Sample Results Summary
August 1, 2016 (EP-23)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601448					Result	Q
Lab: Accredited Analytical Resources LLC					**1601448-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-23**	
Sample Depth (feet below grade surface):					**8-9**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/01/16**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00156	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00156	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00156	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000776	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000776	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000776	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0195	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0195	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0195	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0195	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0195	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0195	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0195	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0195	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0195	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000776	U
319-86-8	delta-BHC	0.25	100	0.04	0.000776	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00156	U
959-98-8	Endosulfan I	102	24	2.4	0.000776	U
33213-65-9	Endosulfan II	102	24	2.4	0.00156	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00156	U
72-20-8	Endrin	0.06	11	0.014	0.00156	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00156	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00156	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000776	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000776	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000776	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000776	U
72-43-5	Methoxychlor	NA	NA	NA	0.00235	U
8001-35-2	Toxaphene	NA	NA	NA	0.0391	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0391	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0391	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0391	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0391	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0391	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0391	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0391	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0391	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0391	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0391	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0391	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0391	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0391	U

Table 25
Endpoint Sample Results Summary
August 1, 2016 (EP-23)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601448					Result	Q
Lab: Accredited Analytical Resources LLC					**1601448-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-23**	
Sample Depth (feet below grade surface):					**8-9**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/01/16**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0391	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0391	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0391	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0391	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0391	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0975	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0391	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0391	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0391	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0391	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0391	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0391	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0391	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0391	U
83-32-9	Acenaphthene	98	100	20	0.0391	U
208-96-8	Acenaphthylene	107	100	100	0.0391	U
120-12-7	Anthracene	1000	100	100	0.0391	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0391	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0391	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0391	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0391	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0391	U
65-85-0	Benzoic acid	NA	NA	NA	0.0975	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0391	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0391	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0391	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0391	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0498	J
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0391	U
218-01-9	Chrysene	1	3.9	1	0.0391	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0391	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0391	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0391	U
132-64-9	Dibenzofuran	210	59	7	0.0391	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0391	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0391	U
206-44-0	Fluoranthene	1000	100	100	0.0391	U
86-73-7	Fluorene	386	100	30	0.0391	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0391	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0391	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0391	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0391	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0391	U
78-59-1	Isophorone	NA	NA	NA	0.0391	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0391	U

Table 25
Endpoint Sample Results Summary
August 1, 2016 (EP-23)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601448					Result	Q
Lab: Accredited Analytical Resources LLC					**1601448-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-23**	
Sample Depth (feet below grade surface):					**8-9**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/01/16**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0391	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0391	U
91-20-3	Naphthalene	12	100	12	0.0391	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0391	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0391	U
85-01-8	Phenanthrene	1000	100	100	0.0391	U
108-95-2	Phenol	0.33	100	0.33	0.0391	U
129-00-0	Pyrene	1000	100	100	0.0391	U
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0881	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**7880**	
7440-36-0	Antimony	NA	NA	NA	3.13	U
7440-38-2	Arsenic	16	16	13	1.46	
7440-39-3	Barium	820	400	350	**47.0**	
7440-41-7	Beryllium	47	72	7.2	0.391	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.391	U
7440-70-2	Calcium	NA	NA	NA	**5810**	
7440-47-3	Chromium	NA	NA	NA	**15.3**	
7440-48-4	Cobalt	NA	NA	NA	**6.79**	
7440-50-8	Copper	1720	270	50	**16.9**	
7439-89-6	Iron	NA	NA	NA	**12500**	
7439-92-1	Lead	450	400	63	**8.07**	
7439-95-4	Magnesium	NA	NA	NA	**6980**	
7439-96-5	Manganese	2000	2000	1600	**256**	
7440-02-0	Nickel	130	310	30	**13.3**	
7440-09-7	Potassium	NA	NA	NA	**1800**	
7782-49-2	Selenium	4	180	3.9	3.13	U
7440-22-4	Silver	8.3	180	2	0.391	U
7440-23-5	Sodium	NA	NA	NA	**130**	
7440-28-0	Thallium	NA	NA	NA	1.17	U
7440-62-2	Vanadium	NA	NA	NA	**25.1**	
7440-66-6	Zinc	2480	10000	109	**40.3**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00102	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00102	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00102	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00102	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00102	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00102	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00102	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00102	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00102	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00102	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00102	U

Table 25
Endpoint Sample Results Summary
August 1, 2016 (EP-23)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601448					Result	Q
Lab: Accredited Analytical Resources LLC					**1601448-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-23**	
Sample Depth (feet below grade surface):					**8-9**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/01/16**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00102	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00102	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00102	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00102	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00102	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00102	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00102	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00102	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00102	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00102	U
78-93-3	2-Butanone	0.12	100	0.12	0.00102	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00102	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00102	U
591-78-6	2-Hexanone	NA	NA	NA	0.00102	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00102	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00102	U
67-64-1	Acetone	0.05	100	0.05	0.00117	J
107-02-8	Acrolein	NA	NA	NA	0.00614	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00205	U
71-43-2	Benzene	0.06	4.8	0.06	0.00102	U
108-86-1	Bromobenzene	NA	NA	NA	0.00102	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00102	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00102	U
75-25-2	Bromoform	NA	NA	NA	0.00102	U
74-83-9	Bromomethane	NA	NA	NA	0.00102	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00102	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00102	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00102	U
75-00-3	Chloroethane	NA	NA	NA	0.00102	U
67-66-3	Chloroform	0.37	49	0.37	0.00102	U
74-87-3	Chloromethane	NA	NA	NA	0.00102	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00102	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00102	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00102	U
74-95-3	Dibromomethane	NA	NA	NA	0.00102	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00102	U
100-41-4	Ethylbenzene	1	41	1	0.00102	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00102	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00102	U
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	0.00205	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00157	JB
104-51-8	n-Butyl Benzene	NA	NA	12	0.00102	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00102	U
95-47-6	o-Xylene	0.8	50	0.13	0.00205	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00102	U

Table 25
Endpoint Sample Results Summary
August 1, 2016 (EP-23)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601448					Result	Q
Lab: Accredited Analytical Resources LLC					**1601448-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-23**	
Sample Depth (feet below grade surface):					**8-9**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/01/16**	
135-98-8	sec-Butylbenzene	11	100	11	0.00102	U
100-42-5	Styrene	NA	NA	NA	0.00102	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00102	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00102	U
108-88-3	Toluene	0.7	100	0.7	0.00102	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00102	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00102	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00102	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00102	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00102	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00102	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**85.1**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.35	U
	Cyanide (total)	40	27	27	1.18	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**15.3**	

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

No compounds were dected at concentrations exceeding the NYURU, NYRRES, or the NYPGW Standards

NA = No applicable standard

Bold = detected compounds

mg/kg = milligrams per kilograms

Qualifiers:

E - Concentration exceeds highest calibration standard

B - Indicates compound found in associated blank

D - Indicates result is based on a dilution

H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected below the RL

U - Indicates compound analyzed for but not detected

Table 26
Endpoint Sample Results Summary
August 24, 2016 (EP-24)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601618					Result	Q
Lab: Accredited Analytical Resources LLC					**1601618-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-24**	
Sample Depth (feet below grade surface):					**10-11**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00161	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00161	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00161	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000801	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000801	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000801	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0201	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0201	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0201	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0201	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0201	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0201	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0201	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0201	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0201	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000801	U
319-86-8	delta-BHC	0.25	100	0.04	0.000801	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00161	U
959-98-8	Endosulfan I	102	24	2.4	0.000801	U
33213-65-9	Endosulfan II	102	24	2.4	0.00161	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00161	U
72-20-8	Endrin	0.06	11	0.014	0.00161	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00161	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00161	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000801	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000801	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000801	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000801	U
72-43-5	Methoxychlor	NA	NA	NA	0.00243	U
8001-35-2	Toxaphene	NA	NA	NA	0.0404	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0404	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0404	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0404	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0404	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0404	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0404	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0404	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0404	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0404	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0404	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0404	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0404	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0404	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0404	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0404	U

Table 26
Endpoint Sample Results Summary
August 24, 2016 (EP-24)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601618					Result	Q
Lab: Accredited Analytical Resources LLC					**1601618-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-24**	
Sample Depth (feet below grade surface):					**10-11**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
88-74-4	2-Nitroaniline	NA	NA	NA	0.0404	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0404	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0404	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.101	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0404	U
534-52-1	4,6-Dinitro-2-methylpheno	NA	NA	NA	0.0404	U
101-55-3	4-Bromophenyl-phenylethe	NA	NA	NA	0.0404	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0404	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0404	U
7005-72-3	4-Chlorophenyl-phenylethe	NA	NA	NA	0.0404	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0404	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0404	U
83-32-9	Acenaphthene	98	100	20	0.0404	U
208-96-8	Acenaphthylene	107	100	100	0.0404	U
120-12-7	Anthracene	1000	100	100	0.0404	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0404	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0404	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0404	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0404	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0404	U
65-85-0	Benzoic acid	NA	NA	NA	0.101	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0404	U
111-91-1	bis(2-chloroethoxy)methan	NA	NA	NA	0.0404	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0404	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0404	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0404	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0404	U
218-01-9	Chrysene	1	3.9	1	0.0404	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0404	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0404	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0404	U
132-64-9	Dibenzofuran	210	59	7	0.0404	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0404	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0404	U
206-44-0	Fluoranthene	1000	100	100	0.0404	U
86-73-7	Fluorene	386	100	30	0.0404	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0404	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0404	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0404	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0404	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0404	U
78-59-1	Isophorone	NA	NA	NA	0.0404	U
621-64-7	N-Nitroso-di-n-propylamin	NA	NA	NA	0.0404	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0404	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0404	U
91-20-3	Naphthalene	12	100	12	0.0404	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0404	U

Table 26
Endpoint Sample Results Summary
August 24, 2016 (EP-24)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601618					Result	Q
Lab: Accredited Analytical Resources LLC					**1601618-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-24**	
Sample Depth (feet below grade surface):					**10-11**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0404	U
85-01-8	Phenanthrene	1000	100	100	0.0404	U
108-95-2	Phenol	0.33	100	0.33	0.0404	U
129-00-0	Pyrene	1000	100	100	0.0404	U
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0910	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**12600**	
7440-36-0	Antimony	NA	NA	NA	4.84	U
7440-38-2	Arsenic	16	16	13	**2.29**	
7440-39-3	Barium	820	400	350	**64.0**	
7440-41-7	Beryllium	47	72	7.2	0.605	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.605	U
7440-70-2	Calcium	NA	NA	NA	**1630**	
7440-47-3	Chromium	NA	NA	NA	**15.5**	
7440-48-4	Cobalt	NA	NA	NA	**6.61**	
7440-50-8	Copper	1720	270	50	**10.1**	
7439-89-6	Iron	NA	NA	NA	**14400**	
7439-92-1	Lead	450	400	63	**12.9**	
7439-95-4	Magnesium	NA	NA	NA	**3030**	
7439-96-5	Manganese	2000	2000	1600	**418**	
7440-02-0	Nickel	130	310	30	**12.4**	
7440-09-7	Potassium	NA	NA	NA	**690**	
7782-49-2	Selenium	4	180	3.9	2.42	U
7440-22-4	Silver	8.3	180	2	0.605	U
7440-23-5	Sodium	NA	NA	NA	**89.3**	
7440-28-0	Thallium	NA	NA	NA	1.81	U
7440-62-2	Vanadium	NA	NA	NA	**21.1**	
7440-66-6	Zinc	2480	10000	109	**41.4**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00128	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00128	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00128	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00128	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00128	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00128	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00128	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00128	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00128	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00128	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00128	U
96-12-8	1,2-Dibromo-3-chloropropa	NA	NA	NA	0.00128	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00128	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00128	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00128	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00128	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00128	U

Table 26
Endpoint Sample Results Summary
August 24, 2016 (EP-24)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601618					Result	Q
Lab: Accredited Analytical Resources LLC					**1601618-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-24**	
Sample Depth (feet below grade surface):					**10-11**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00128	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00128	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00128	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00128	U
78-93-3	2-Butanone	0.12	100	0.12	**0.00823**	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00128	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00128	U
591-78-6	2-Hexanone	NA	NA	NA	0.00128	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00128	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00128	U
67-64-1	Acetone	0.05	100	0.05	**0.0367**	
107-02-8	Acrolein	NA	NA	NA	0.00768	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00256	U
71-43-2	Benzene	0.06	4.8	0.06	0.00128	U
108-86-1	Bromobenzene	NA	NA	NA	0.00128	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00128	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00128	U
75-25-2	Bromoform	NA	NA	NA	0.00128	U
74-83-9	Bromomethane	NA	NA	NA	0.00128	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00128	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00128	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00128	U
75-00-3	Chloroethane	NA	NA	NA	0.00128	U
67-66-3	Chloroform	0.37	49	0.37	0.00128	U
74-87-3	Chloromethane	NA	NA	NA	0.00128	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00128	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00128	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00128	U
74-95-3	Dibromomethane	NA	NA	NA	0.00128	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00128	U
100-41-4	Ethylbenzene	1	41	1	0.00128	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00128	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00128	U
108-38-3/106-4	m,p-Xylenes	0.8	50	0.13	0.00256	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00128	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00128	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00128	U
95-47-6	o-Xylene	0.8	50	0.13	0.00256	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00128	U
135-98-8	sec-Butylbenzene	11	100	11	0.00128	U
100-42-5	Styrene	NA	NA	NA	0.00128	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00128	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00128	U
108-88-3	Toluene	0.7	100	0.7	0.00128	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00128	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00128	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00128	U

Table 26
Endpoint Sample Results Summary
August 24, 2016 (EP-24)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601618					Result	Q
Lab: Accredited Analytical Resources LLC					**1601618-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-24**	
Sample Depth (feet below grade surface):					**10-11**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00128	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00128	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00128	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**82.4**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.43	U
	Cyanide (total)	40	27	27	1.21	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**15.5**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 200
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, or th NYPGW standard
NA = No applicable standard
Bold = detected compounds
mg/kg = milligrams per kilograms

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 27
Endpoint Sample Results Summary
August 24, 2016 (EP-25)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601635					Result	Q
Lab: Accredited Analytical Resources LLC					**1601635-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-25**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00146	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00146	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00146	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000724	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000724	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000724	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0182	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0182	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0182	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0182	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0182	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0182	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0182	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0182	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0182	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000724	U
319-86-8	delta-BHC	0.25	100	0.04	0.000724	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00146	U
959-98-8	Endosulfan I	102	24	2.4	0.000724	U
33213-65-9	Endosulfan II	102	24	2.4	0.00146	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00146	U
72-20-8	Endrin	0.06	11	0.014	0.00146	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00146	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00146	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000724	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000724	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000724	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000724	U
72-43-5	Methoxychlor	NA	NA	NA	0.00219	U
8001-35-2	Toxaphene	NA	NA	NA	0.0365	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0365	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0365	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0365	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0365	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0365	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0365	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0365	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0365	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0365	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0365	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0365	U

Table 27
Endpoint Sample Results Summary
August 24, 2016 (EP-25)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601635					Result	Q
Lab: Accredited Analytical Resources LLC					**1601635-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-25**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0365	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0365	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0365	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0365	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0365	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0365	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0365	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0910	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0365	U
534-52-1	4,6-Dinitro-2-methylpheno	NA	NA	NA	0.0365	U
101-55-3	4-Bromophenyl-phenylethe	NA	NA	NA	0.0365	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0365	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0365	U
7005-72-3	4-Chlorophenyl-phenylethe	NA	NA	NA	0.0365	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0365	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0365	U
83-32-9	Acenaphthene	98	100	20	0.0365	U
208-96-8	Acenaphthylene	107	100	100	0.0365	U
120-12-7	Anthracene	1000	100	100	0.0365	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0365	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0365	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0365	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0365	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0365	U
65-85-0	Benzoic acid	NA	NA	NA	0.0910	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0365	U
111-91-1	bis(2-chloroethoxy)methan	NA	NA	NA	0.0365	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0365	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0365	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0365	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0365	U
218-01-9	Chrysene	1	3.9	1	0.0365	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0365	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0365	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0365	U
132-64-9	Dibenzofuran	210	59	7	0.0365	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0365	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0365	U
206-44-0	Fluoranthene	1000	100	100	0.0365	U
86-73-7	Fluorene	386	100	30	0.0365	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0365	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0365	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0365	U

Table 27
Endpoint Sample Results Summary
August 24, 2016 (EP-25)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601635					Result	Q
Lab: Accredited Analytical Resources LLC					**1601635-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-25**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
67-72-1	Hexachloroethane	NA	NA	NA	0.0365	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0365	U
78-59-1	Isophorone	NA	NA	NA	0.0365	U
621-64-7	N-Nitroso-di-n-propylamin	NA	NA	NA	0.0365	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0365	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0365	U
91-20-3	Naphthalene	12	100	12	0.0365	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0365	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0365	U
85-01-8	Phenanthrene	1000	100	100	0.0365	U
108-95-2	Phenol	0.33	100	0.33	0.0365	U
129-00-0	Pyrene	1000	100	100	0.0365	U
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0822	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**5240**	
7440-36-0	Antimony	NA	NA	NA	4.36	U
7440-38-2	Arsenic	16	16	13	**5.48**	
7440-39-3	Barium	820	400	350	**37.7**	
7440-41-7	Beryllium	47	72	7.2	0.545	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.545	U
7440-70-2	Calcium	NA	NA	NA	**43000**	
7440-47-3	Chromium	NA	NA	NA	**9.20**	
7440-48-4	Cobalt	NA	NA	NA	5.45	U
7440-50-8	Copper	1720	270	50	**16.2**	
7439-89-6	Iron	NA	NA	NA	**7740**	
7439-92-1	Lead	450	400	63	**11.6**	
7439-95-4	Magnesium	NA	NA	NA	**10700**	
7439-96-5	Manganese	2000	2000	1600	**216**	
7440-02-0	Nickel	130	310	30	**7.17**	
7440-09-7	Potassium	NA	NA	NA	**1500**	
7782-49-2	Selenium	4	180	3.9	2.18	U
7440-22-4	Silver	8.3	180	2	0.545	U
7440-23-5	Sodium	NA	NA	NA	**147**	
7440-28-0	Thallium	NA	NA	NA	1.63	U
7440-62-2	Vanadium	NA	NA	NA	**17.1**	
7440-66-6	Zinc	2480	10000	109	**31.6**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.000962	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.000962	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.000962	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.000962	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.000962	U

Table 27
Endpoint Sample Results Summary
August 24, 2016 (EP-25)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601635					Result	Q
Lab: Accredited Analytical Resources LLC					**1601635-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-25**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.000962	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.000962	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.000962	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.000962	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.000962	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.000962	U
96-12-8	1,2-Dibromo-3-chloroprop	NA	NA	NA	0.000962	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.000962	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.000962	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.000962	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.000962	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.000962	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.000962	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.000962	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.000962	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.000962	U
78-93-3	2-Butanone	0.12	100	0.12	0.000962	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.000962	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.000962	U
591-78-6	2-Hexanone	NA	NA	NA	0.000962	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.000962	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.000962	U
67-64-1	Acetone	0.05	100	0.05	0.000962	U
107-02-8	Acrolein	NA	NA	NA	0.00577	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00192	U
71-43-2	Benzene	0.06	4.8	0.06	0.000962	U
108-86-1	Bromobenzene	NA	NA	NA	0.000962	U
74-97-5	Bromochloromethane	NA	NA	NA	0.000962	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.000962	U
75-25-2	Bromoform	NA	NA	NA	0.000962	U
74-83-9	Bromomethane	NA	NA	NA	0.000962	U
75-15-0	Carbon disulfide	NA	NA	NA	0.000962	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.000962	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.000962	U
75-00-3	Chloroethane	NA	NA	NA	0.000962	U
67-66-3	Chloroform	0.37	49	0.37	0.000962	U
74-87-3	Chloromethane	NA	NA	NA	0.000962	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.000962	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.000962	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.000962	U
74-95-3	Dibromomethane	NA	NA	NA	0.000962	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.000962	U
100-41-4	Ethylbenzene	1	41	1	0.000962	U

Table 27
Endpoint Sample Results Summary
August 24, 2016 (EP-25)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601635					Result	Q
Lab: Accredited Analytical Resources LLC					**1601635-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-25**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/24/16**	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.000962	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.000962	U
108-38-3/106-4	m,p-Xylenes	0.8	50	0.13	0.00192	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.000962	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.000962	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.000962	U
95-47-6	o-Xylene	0.8	50	0.13	0.00192	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.000962	U
135-98-8	sec-Butylbenzene	11	100	11	0.000962	U
100-42-5	Styrene	NA	NA	NA	0.000962	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.000962	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.000962	U
108-88-3	Toluene	0.7	100	0.7	0.000962	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.000962	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.000962	U
79-01-6	Trichloroethene	0.47	21	0.47	0.000962	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.000962	U
108-05-4	Vinyl acetate	NA	NA	NA	0.000962	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.000962	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**91.2**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.19	U
	Cyanide (total)	40	27	27	1.10	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**9.20**	

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

No compounds were detected at concentratinos exceeding the NYURU, NYRRES, or the NYPGW Standards

NA = No applicable standard

Bold = detected compounds

mg/kg = milligrams per kilograms

Qualifiers:

E - Concentration exceeds highest calibration standard

B - Indicates compound found in associated blank

D - Indicates result is based on a dilution

H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected below the RL

U - Indicates compound analyzed for but not detected

Table 28
Endpoint Sample Results Summary
August 31, 2016 (EP-26)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601673					Result	Q
Lab: Accredited Analytical Resources LLC					**1601673-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-26**	
Sample Depth (feet below grade surface):					**9 - 10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/31/16**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00153	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00153	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00153	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000757	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000757	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	**0.000917**	P
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0190	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0190	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0190	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0190	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0190	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0190	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0190	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0190	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0190	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000757	U
319-86-8	delta-BHC	0.25	100	0.04	0.000757	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00153	U
959-98-8	Endosulfan I	102	24	2.4	0.000757	U
33213-65-9	Endosulfan II	102	24	2.4	0.00153	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00153	U
72-20-8	Endrin	0.06	11	0.014	0.00153	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00153	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00153	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000757	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000757	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000757	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000757	U
72-43-5	Methoxychlor	NA	NA	NA	0.00229	U
8001-35-2	Toxaphene	NA	NA	NA	0.0382	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0382	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0382	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0382	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0382	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0382	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0382	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0382	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0382	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0382	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0382	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0382	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0382	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0382	U

Table 28
Endpoint Sample Results Summary
August 31, 2016 (EP-26)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601673					Result	Q
Lab: Accredited Analytical Resources LLC					**1601673-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-26**	
Sample Depth (feet below grade surface):					**9 - 10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/31/16**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0382	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0382	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0382	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0382	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0382	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0952	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0382	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0382	U
101-55-3	4-Bromophenyl-phenylethe	NA	NA	NA	0.0382	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0382	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0382	U
7005-72-3	4-Chlorophenyl-phenylethe	NA	NA	NA	0.0382	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0382	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0382	U
83-32-9	Acenaphthene	98	100	20	0.0382	U
208-96-8	Acenaphthylene	107	100	100	0.0382	U
120-12-7	Anthracene	1000	100	100	**0.0807**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.254**	
50-32-8	Benzo[a]pyrene	22	1	1	**0.237**	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.269**	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.0956**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.133**	J
65-85-0	Benzoic acid	NA	NA	NA	0.0952	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0382	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0382	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0382	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0382	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0382	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0382	U
218-01-9	Chrysene	1	3.9	1	**0.265**	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0382	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0382	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0382	U
132-64-9	Dibenzofuran	210	59	7	0.0382	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0382	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0382	U
206-44-0	Fluoranthene	1000	100	100	**0.509**	
86-73-7	Fluorene	386	100	30	0.0382	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0382	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0382	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0382	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0382	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.0868**	J
78-59-1	Isophorone	NA	NA	NA	0.0382	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0382	U

Table 28
Endpoint Sample Results Summary
August 31, 2016 (EP-26)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601673					Result	Q
Lab: Accredited Analytical Resources LLC					**1601673-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-26**	
Sample Depth (feet below grade surface):					**9 - 10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/31/16**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0382	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0382	U
91-20-3	Naphthalene	12	100	12	0.0382	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0382	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0382	U
85-01-8	Phenanthrene	1000	100	100	**0.361**	
108-95-2	Phenol	0.33	100	0.33	0.0382	U
129-00-0	Pyrene	1000	100	100	**0.565**	
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0860	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**8250**	
7440-36-0	Antimony	NA	NA	NA	4.59	U
7440-38-2	Arsenic	16	16	13	**2.62**	
7440-39-3	Barium	820	400	350	**57.5**	
7440-41-7	Beryllium	47	72	7.2	0.573	U
7440-43-9	Cadmium	7.5	4.3	2.5	0.573	U
7440-70-2	Calcium	NA	NA	NA	**16300**	
7440-47-3	Chromium	NA	NA	NA	**15.8**	
7440-48-4	Cobalt	NA	NA	NA	**7.86**	
7440-50-8	Copper	1720	270	50	**32.7**	
7439-89-6	Iron	NA	NA	NA	**16800**	
7439-92-1	Lead	450	400	63	**62.8**	
7439-95-4	Magnesium	NA	NA	NA	**7840**	
7439-96-5	Manganese	2000	2000	1600	**295**	
7440-02-0	Nickel	130	310	30	**13.7**	
7440-09-7	Potassium	NA	NA	NA	**1560**	
7782-49-2	Selenium	4	180	3.9	2.29	U
7440-22-4	Silver	8.3	180	2	0.573	U
7440-23-5	Sodium	NA	NA	NA	**228**	
7440-28-0	Thallium	NA	NA	NA	1.72	U
7440-62-2	Vanadium	NA	NA	NA	**23.3**	
7440-66-6	Zinc	2480	10000	109	**71.8**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00113	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00113	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00113	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00113	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00113	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00113	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00113	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00113	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00113	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00113	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00113	U

Table 28
Endpoint Sample Results Summary
August 31, 2016 (EP-26)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601673					Result	Q
Lab: Accredited Analytical Resources LLC					**1601673-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-26**	
Sample Depth (feet below grade surface):					**9 - 10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/31/16**	
96-12-8	1,2-Dibromo-3-chloropropa	NA	NA	NA	0.00113	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00113	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00113	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00113	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00113	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00113	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00113	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00113	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00113	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00113	U
78-93-3	2-Butanone	0.12	100	0.12	0.00113	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00113	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00113	U
591-78-6	2-Hexanone	NA	NA	NA	0.00113	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00113	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00113	U
67-64-1	Acetone	0.05	100	0.05	**0.00437**	B
107-02-8	Acrolein	NA	NA	NA	0.00680	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00227	U
71-43-2	Benzene	0.06	4.8	0.06	0.00113	U
108-86-1	Bromobenzene	NA	NA	NA	0.00113	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00113	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00113	U
75-25-2	Bromoform	NA	NA	NA	0.00113	U
74-83-9	Bromomethane	NA	NA	NA	0.00113	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00113	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00113	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00113	U
75-00-3	Chloroethane	NA	NA	NA	0.00113	U
67-66-3	Chloroform	0.37	49	0.37	0.00113	U
74-87-3	Chloromethane	NA	NA	NA	0.00113	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00113	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00113	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00113	U
74-95-3	Dibromomethane	NA	NA	NA	0.00113	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00113	U
100-41-4	Ethylbenzene	1	41	1	0.00113	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00113	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00113	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	0.00227	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00113	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00113	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00113	U
95-47-6	o-Xylene	0.8	50	0.13	0.00227	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00113	U

Table 28
Endpoint Sample Results Summary
August 31, 2016 (EP-26)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601673					Result	Q
Lab: Accredited Analytical Resources LLC					**1601673-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-26**	
Sample Depth (feet below grade surface):					**9 - 10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**08/31/16**	
135-98-8	sec-Butylbenzene	11	100	11	0.00113	U
100-42-5	Styrene	NA	NA	NA	0.00113	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00113	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00113	U
108-88-3	Toluene	0.7	100	0.7	0.00113	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00113	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00113	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00113	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00113	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00113	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00113	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**87.2**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.29	U
	Cyanide (total)	40	27	27	1.15	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**15.8**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
No compounds were detected at concentrations exceeding the NYURU, NYRRES, or the NYPGW Standards
NA = No applicable standard
Bold = detected compounds
mg/kg = milligrams per kilograms

Qualifiers:
B - Indicates compound found in associated blank
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected
P - This flag is used for a pesticide/aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported.

Table 29
Endpoint Sample Results Summary
September 6, 2016 (EP-27)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601701					Result	Q
Lab: Accredited Analytical Resources LLC					1601701-01	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					EP-27	
Sample Depth (feet below grade surface):					16	
CAS#	Compound	NYPGW	NYRRES	NYURU	09/06/16	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00181	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00181	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00181	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000900	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000900	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000900	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0226	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0226	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0226	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0226	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0226	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0226	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0226	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0226	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0226	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000900	U
319-86-8	delta-BHC	0.25	100	0.04	0.000900	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00181	U
959-98-8	Endosulfan I	102	24	2.4	0.000900	U
33213-65-9	Endosulfan II	102	24	2.4	0.00181	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00181	U
72-20-8	Endrin	0.06	11	0.014	0.00181	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00181	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00181	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000900	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000900	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000900	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000900	U
72-43-5	Methoxychlor	NA	NA	NA	0.00273	U
8001-35-2	Toxaphene	NA	NA	NA	0.0454	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0454	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0454	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0454	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0454	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0454	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0454	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0454	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0454	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0454	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0454	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0454	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0454	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0454	U

Table 29
Endpoint Sample Results Summary
September 6, 2016 (EP-27)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601701					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601701-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-27**	
Sample Depth (feet below grade surface):					**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/06/16**	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0454	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0454	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0454	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0454	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0454	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.113	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0454	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0454	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0454	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0454	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0454	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0454	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0454	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0454	U
83-32-9	Acenaphthene	98	100	20	0.0454	U
208-96-8	Acenaphthylene	107	100	100	0.0454	U
120-12-7	Anthracene	1000	100	100	0.0454	U
56-55-3	Benzo[a]anthracene	1	1	1	**0.0846**	J
50-32-8	Benzo[a]pyrene	22	1	1	**0.0773**	J
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.0996**	J
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0454	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0454	U
65-85-0	Benzoic acid	NA	NA	NA	0.113	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0454	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0454	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0454	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0454	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0454	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0454	U
218-01-9	Chrysene	1	3.9	1	**0.0941**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0454	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0454	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0454	U
132-64-9	Dibenzofuran	210	59	7	0.0454	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0454	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0454	U
206-44-0	Fluoranthene	1000	100	100	**0.178**	J
86-73-7	Fluorene	386	100	30	0.0454	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0454	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0454	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0454	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0454	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0454	U
78-59-1	Isophorone	NA	NA	NA	0.0454	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0454	U

Table 29
Endpoint Sample Results Summary
September 6, 2016 (EP-27)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601701					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601701-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-27**	
Sample Depth (feet below grade surface):					**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/06/16**	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0454	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0454	U
91-20-3	Naphthalene	12	100	12	0.0454	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0454	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0454	U
85-01-8	Phenanthrene	1000	100	100	**0.118**	J
108-95-2	Phenol	0.33	100	0.33	0.0454	U
129-00-0	Pyrene	1000	100	100	**0.162**	J
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	**0.164**	
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**10600**	
7440-36-0	Antimony	NA	NA	NA	4.04	U
7440-38-2	Arsenic	16	16	13	**2.53**	
7440-39-3	Barium	820	400	350	**58.5**	
7440-41-7	Beryllium	47	72	7.2	0.505	U
7440-43-9	Cadmium	7.5	4.3	2.5	**0.890**	
7440-70-2	Calcium	NA	NA	NA	**11800**	
7440-47-3	Chromium	NA	NA	NA	**17.0**	
7440-48-4	Cobalt	NA	NA	NA	**8.34**	
7440-50-8	Copper	1720	270	50	**18.9**	
7439-89-6	Iron	NA	NA	NA	**15200**	
7439-92-1	Lead	450	400	63	**31.0**	
7439-95-4	Magnesium	NA	NA	NA	**8860**	
7439-96-5	Manganese	2000	2000	1600	**473**	
7440-02-0	Nickel	130	310	30	**14.1**	
7440-09-7	Potassium	NA	NA	NA	**1410**	
7782-49-2	Selenium	4	180	3.9	2.02	U
7440-22-4	Silver	8.3	180	2	0.505	U
7440-23-5	Sodium	NA	NA	NA	**201**	
7440-28-0	Thallium	NA	NA	NA	1.51	U
7440-62-2	Vanadium	NA	NA	NA	**25.6**	
7440-66-6	Zinc	2480	10000	109	**55.1**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00140	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00140	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00140	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00140	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00140	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00140	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00140	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00140	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00140	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00140	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00140	U

Table 29
Endpoint Sample Results Summary
September 6, 2016 (EP-27)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601701					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601701-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-27**	
Sample Depth (feet below grade surface):					**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/06/16**	
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00140	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00140	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00140	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00140	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00140	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00140	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00140	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00140	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00140	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00140	U
78-93-3	2-Butanone	0.12	100	0.12	0.00140	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00140	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00140	U
591-78-6	2-Hexanone	NA	NA	NA	0.00140	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00140	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00140	U
67-64-1	Acetone	0.05	100	0.05	**0.00827**	
107-02-8	Acrolein	NA	NA	NA	0.00842	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00281	U
71-43-2	Benzene	0.06	4.8	0.06	0.00140	U
108-86-1	Bromobenzene	NA	NA	NA	0.00140	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00140	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00140	U
75-25-2	Bromoform	NA	NA	NA	0.00140	U
74-83-9	Bromomethane	NA	NA	NA	0.00140	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00140	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00140	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00140	U
75-00-3	Chloroethane	NA	NA	NA	0.00140	U
67-66-3	Chloroform	0.37	49	0.37	0.00140	U
74-87-3	Chloromethane	NA	NA	NA	0.00140	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00140	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00140	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00140	U
74-95-3	Dibromomethane	NA	NA	NA	0.00140	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00140	U
100-41-4	Ethylbenzene	1	41	1	0.00140	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00140	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00140	U
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.00281	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00140	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00140	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00140	U
95-47-6	o-Xylene	0.8	50	0.13	0.00281	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00140	U

Table 29
Endpoint Sample Results Summary
September 6, 2016 (EP-27)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601701					**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601701-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-27**	
Sample Depth (feet below grade surface):					**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/06/16**	
135-98-8	sec-Butylbenzene	11	100	11	0.00140	U
100-42-5	Styrene	NA	NA	NA	0.00140	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00140	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00140	U
108-88-3	Toluene	0.7	100	0.7	0.00140	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00140	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00140	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00140	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00140	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00140	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00140	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**73.3**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.73	U
	Cyanide (total)	40	27	27	1.36	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**17.0**	

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

No compounds were detected at concentrations exceeding the NYURU, NYRRES, or the NYPGW Standards

NA = No applicable standard

Bold = detected compounds

mg/kg = milligrams per kilograms

Qualifiers:

J - Indicates estimated value for TICs and all results when detected below the RL

U - Indicates compound analyzed for but not detected

Table 30
Endpoint Sample Results Summary
September 9, 2016 (EP-28)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601734					Result	Q
Lab: Accredited Analytical Resources LLC					**1601734-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-28**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/09/16**	
EPA Method SW846 8081/8082 (mg/kg)						
72-54-8	4,4'-DDD	14	13	0.0033	0.00156	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00156	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00156	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000774	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000774	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000774	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0195	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0195	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0195	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0195	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0195	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0195	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0195	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0195	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0195	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000774	U
319-86-8	delta-BHC	0.25	100	0.04	0.000774	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00156	U
959-98-8	Endosulfan I	102	24	2.4	0.000774	U
33213-65-9	Endosulfan II	102	24	2.4	0.00156	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00156	U
72-20-8	Endrin	0.06	11	0.014	0.00156	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00156	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00156	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000774	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000774	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000774	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000774	U
72-43-5	Methoxychlor	NA	NA	NA	0.00234	U
8001-35-2	Toxaphene	NA	NA	NA	0.0390	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0390	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0390	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0390	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0390	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0390	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0390	U

Table 30
Endpoint Sample Results Summary
September 9, 2016 (EP-28)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601734					Result	Q
Lab: Accredited Analytical Resources LLC					**1601734-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-28**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/09/16**	
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0390	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0390	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0390	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0390	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0390	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0390	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0390	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0390	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0390	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0390	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0390	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0390	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.0973	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0390	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0390	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0390	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0390	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0390	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0390	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0390	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0390	U
83-32-9	Acenaphthene	98	100	20	0.0390	U
208-96-8	Acenaphthylene	107	100	100	0.0390	U
120-12-7	Anthracene	1000	100	100	0.0390	U
56-55-3	Benzo[a]anthracene	1	1	1	0.0390	U
50-32-8	Benzo[a]pyrene	22	1	1	0.0390	U
205-99-2	Benzo[b]fluoranthene	1.7	1	1	0.0390	U
191-24-2	Benzo[ghi]perylene	1000	100	100	0.0390	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	0.0390	U
65-85-0	Benzoic acid	NA	NA	NA	0.0973	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0390	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0390	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0390	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0390	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0390	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0390	U
218-01-9	Chrysene	1	3.9	1	0.0390	U
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0390	U

Table 30
Endpoint Sample Results Summary
September 9, 2016 (EP-28)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601734					Result	Q
Lab: Accredited Analytical Resources LLC					**1601734-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-28**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/09/16**	
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0390	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0390	U
132-64-9	Dibenzofuran	210	59	7	0.0390	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0390	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0390	U
206-44-0	Fluoranthene	1000	100	100	0.0390	U
86-73-7	Fluorene	386	100	30	0.0390	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0390	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0390	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0390	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0390	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.0390	U
78-59-1	Isophorone	NA	NA	NA	0.0390	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0390	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0390	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0390	U
91-20-3	Naphthalene	12	100	12	0.0390	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0390	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0390	U
85-01-8	Phenanthrene	1000	100	100	0.0390	U
108-95-2	Phenol	0.33	100	0.33	0.0390	U
129-00-0	Pyrene	1000	100	100	0.0390	U
Total Mercury by SW846 7471 (mg/kg)						
7439-97-6	Mercury	0.73	0.81	0.18	0.0879	U
Total Metals by EPA Method SW846 6010 (mg/kg)						
7429-90-5	Aluminum	NA	NA	NA	**11500**	
7440-36-0	Antimony	NA	NA	NA	3.87	U
7440-38-2	Arsenic	16	16	13	**2.32**	
7440-39-3	Barium	820	400	350	**57.3**	
7440-41-7	Beryllium	47	72	7.2	0.484	U
7440-43-9	Cadmium	7.5	4.3	2.5	**0.667**	
7440-70-2	Calcium	NA	NA	NA	**4100**	
7440-47-3	Chromium	NA	NA	NA	**22.8**	
7440-48-4	Cobalt	NA	NA	NA	**9.35**	
7440-50-8	Copper	1720	270	50	**17.8**	
7439-89-6	Iron	NA	NA	NA	**18800**	
7439-92-1	Lead	450	400	63	**13.0**	
7439-95-4	Magnesium	NA	NA	NA	**7030**	

Table 30
Endpoint Sample Results Summary
September 9, 2016 (EP-28)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601734					Result	Q
Lab: Accredited Analytical Resources LLC					**1601734-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-28**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/09/16**	
7439-96-5	Manganese	2000	2000	1600	**557**	
7440-02-0	Nickel	130	310	30	**15.8**	
7440-09-7	Potassium	NA	NA	NA	**1840**	
7782-49-2	Selenium	4	180	3.9	3.87	U
7440-22-4	Silver	8.3	180	2	0.484	U
7440-23-5	Sodium	NA	NA	NA	**166**	
7440-28-0	Thallium	NA	NA	NA	1.45	U
7440-62-2	Vanadium	NA	NA	NA	**31.6**	
7440-66-6	Zinc	2480	10000	109	**46.1**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00121	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00121	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00121	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00121	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00121	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00121	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00121	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00121	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00121	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00121	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00121	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00121	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00121	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00121	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00121	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00121	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00121	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00121	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00121	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00121	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00121	U
78-93-3	2-Butanone	0.12	100	0.12	**0.0171**	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00121	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00121	U
591-78-6	2-Hexanone	NA	NA	NA	0.00121	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00121	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00121	U
67-64-1	Acetone	0.05	100	0.05	**0.0608**	

Table 30
Endpoint Sample Results Summary
September 9, 2016 (EP-28)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601734					Result	Q
Lab: Accredited Analytical Resources LLC					**1601734-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-28**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/09/16**	
107-02-8	Acrolein	NA	NA	NA	0.00728	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00243	U
71-43-2	Benzene	0.06	4.8	0.06	0.00121	U
108-86-1	Bromobenzene	NA	NA	NA	0.00121	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00121	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00121	U
75-25-2	Bromoform	NA	NA	NA	0.00121	U
74-83-9	Bromomethane	NA	NA	NA	0.00121	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00121	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00121	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00121	U
75-00-3	Chloroethane	NA	NA	NA	0.00121	U
67-66-3	Chloroform	0.37	49	0.37	0.00121	U
74-87-3	Chloromethane	NA	NA	NA	0.00121	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00121	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00121	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00121	U
74-95-3	Dibromomethane	NA	NA	NA	0.00121	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00121	U
100-41-4	Ethylbenzene	1	41	1	0.00121	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00121	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00121	U
108-38-3/106-42-3	m,p-Xylenes	0.8	50	0.13	0.00243	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00121	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00121	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00121	U
95-47-6	o-Xylene	0.8	50	0.13	0.00243	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00121	U
135-98-8	sec-Butylbenzene	11	100	11	0.00121	U
100-42-5	Styrene	NA	NA	NA	0.00121	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00121	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00121	U
108-88-3	Toluene	0.7	100	0.7	0.00121	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00121	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00121	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00121	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00121	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00121	U

Table 30
Endpoint Sample Results Summary
September 9, 2016 (EP-28)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601734					Result	Q
Lab: Accredited Analytical Resources LLC					**1601734-01**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-28**	
Sample Depth (feet below grade surface):					**9-10**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/09/16**	
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00121	U
Wet Chemistry (%)						
	Percent Solids	NA	NA	NA	**85.3**	
Wet Chemistry (mg/kg)						
1854-02-99	Chromium, Hexavalent	19	110	1	2.34	U
	Cyanide (total)	40	27	27	1.17	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**22.8**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = Exceeds NYURU
NA = No applicable standard
Bold = detected compounds
mg/kg = milligrams per kilograms

Qualifiers:
U - Indicates compound analyzed for but not detected

Table 31
Endpoint Sample Results Summary
September 13, 2016 (EP-29 and EP-30)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601751					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1601751-01		1601751-02	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					EP-29		EP-30	
Sample Depth (feet below grade surface)					16		16	
CAS#	Compound	NYPGW	NYRRES	NYURU	09/13/16		09/13/16	
EPA Method SW846 8081/8082 (mg/kg)								
72-54-8	4,4'-DDD	14	13	0.0033	0.00190	U	0.00179	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00190	U	0.00179	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00190	U	0.00179	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000943	U	0.000886	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000943	U	0.000886	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000943	U	0.000886	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0237	U	0.0223	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0237	U	0.0223	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0237	U	0.0223	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0237	U	0.0223	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0237	U	0.0223	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0237	U	0.0223	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0237	U	0.0223	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0237	U	0.0223	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0237	U	0.0223	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000943	U	0.000886	U
319-86-8	delta-BHC	0.25	100	0.04	0.000943	U	0.000886	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00190	U	0.00179	U
959-98-8	Endosulfan I	102	24	2.4	0.000943	U	0.000886	U
33213-65-9	Endosulfan II	102	24	2.4	0.00190	U	0.00179	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00190	U	0.00179	U
72-20-8	Endrin	0.06	11	0.014	0.00190	U	0.00179	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00190	U	0.00179	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00190	U	0.00179	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000943	U	0.000886	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000943	U	0.000886	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000943	U	0.000886	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000943	U	0.000886	U
72-43-5	Methoxychlor	NA	NA	NA	0.00286	U	0.00268	U
8001-35-2	Toxaphene	NA	NA	NA	0.0476	U	0.0447	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)								
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0476	U	0.0447	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0476	U	0.0447	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0476	U	0.0447	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0476	U	0.0447	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0476	U	0.0447	U
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0476	U	0.0447	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0476	U	0.0447	U

Table 31
Endpoint Sample Results Summary
September 13, 2016 (EP-29 and EP-30)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601751					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1601751-01		1601751-02	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					EP-29		EP-30	
Sample Depth (feet below grade surface)					16		16	
CAS#	Compound	NYPGW	NYRRES	NYURU	09/13/16		09/13/16	
EPA Method SW846 8081/8082 (mg/kg)								
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0476	U	0.0447	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0476	U	0.0447	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0476	U	0.0447	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0476	U	0.0447	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0476	U	0.0447	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0476	U	0.0447	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0476	U	0.0447	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0476	U	0.0447	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0476	U	0.0447	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0476	U	0.0447	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0476	U	0.0447	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.119	U	0.111	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0476	U	0.0447	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0476	U	0.0447	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0476	U	0.0447	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0476	U	0.0447	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0476	U	0.0447	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0476	U	0.0447	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0476	U	0.0447	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0476	U	0.0447	U
83-32-9	Acenaphthene	98	100	20	**0.0795**	J	0.0447	U
208-96-8	Acenaphthylene	107	100	100	0.0476	U	0.0447	U
120-12-7	Anthracene	1000	100	100	**0.135**	J	**0.0577**	J
56-55-3	Benzo[a]anthracene	1	1	1	**0.420**		**0.190**	J
50-32-8	Benzo[a]pyrene	22	1	1	**0.387**		**0.178**	J
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.525**		**0.211**	J
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.212**	J	**0.0886**	J
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.189**	J	**0.0837**	J
65-85-0	Benzoic acid	NA	NA	NA	0.119	U	0.111	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0476	U	0.0447	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0476	U	0.0447	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0476	U	0.0447	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0476	U	0.0447	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	**0.142**	J	0.0447	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0476	U	0.0447	U
218-01-9	Chrysene	1	3.9	1	**0.486**		**0.197**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0476	U	0.0447	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0476	U	0.0447	U

Table 31
Endpoint Sample Results Summary
September 13, 2016 (EP-29 and EP-30)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601751					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1601751-01		1601751-02	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					EP-29		EP-30	
Sample Depth (feet below grade surface)					16		16	
CAS#	Compound	NYPGW	NYRRES	NYURU	09/13/16		09/13/16	
EPA Method SW846 8081/8082 (mg/kg)								
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	**0.0552**	J	0.0447	U
132-64-9	Dibenzofuran	210	59	7	0.0476	U	0.0447	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0476	U	0.0447	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0476	U	0.0447	U
206-44-0	Fluoranthene	1000	100	100	**1.15**		**0.386**	
86-73-7	Fluorene	386	100	30	**0.0724**	J	0.0447	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0476	U	0.0447	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0476	U	0.0447	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0476	U	0.0447	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0476	U	0.0447	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.200**	J	**0.0814**	J
78-59-1	Isophorone	NA	NA	NA	0.0476	U	0.0447	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0476	U	0.0447	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0476	U	0.0447	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0476	U	0.0447	U
91-20-3	Naphthalene	12	100	12	**0.0514**	J	0.0447	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0476	U	0.0447	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0476	U	0.0447	U
85-01-8	Phenanthrene	1000	100	100	**1.02**		**0.236**	
108-95-2	Phenol	0.33	100	0.33	**0.164**	J	0.0447	U
129-00-0	Pyrene	1000	100	100	**0.933**		**0.376**	
Total Mercury by SW846 7471 (mg/kg)								
7439-97-6	Mercury	0.73	0.81	0.18	**0.149**		**0.202**	
Total Metals by EPA Method SW846 6010 (mg/kg)								
7429-90-5	Aluminum	NA	NA	NA	**9540**		**8480**	
7440-36-0	Antimony	NA	NA	NA	3.37	U	3.69	U
7440-38-2	Arsenic	16	16	13	**4.18**		**2.52**	
7440-39-3	Barium	820	400	350	**70.9**		**71.8**	
7440-41-7	Beryllium	47	72	7.2	0.421	U	0.461	U
7440-43-9	Cadmium	7.5	4.3	2.5	**0.886**		**0.799**	
7440-70-2	Calcium	NA	NA	NA	**30600**	D	**34900**	D
7440-47-3	Chromium	NA	NA	NA	**18.2**		**16.5**	
7440-48-4	Cobalt	NA	NA	NA	**7.75**		**7.69**	
7440-50-8	Copper	1720	270	50	**31.7**		**27.6**	
7439-89-6	Iron	NA	NA	NA	**17900**		**16500**	
7439-92-1	Lead	450	400	63	**65.6**		**73.6**	
7439-95-4	Magnesium	NA	NA	NA	**10900**		**13700**	
7439-96-5	Manganese	2000	2000	1600	**307**		**363**	

Table 31
Endpoint Sample Results Summary
September 13, 2016 (EP-29 and EP-30)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601751					**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601751-01**		**1601751-02**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-29**		**EP-30**	
Sample Depth (feet below grade surface)					**16**		**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/13/16**		**09/13/16**	
EPA Method SW846 8081/8082 (mg/kg)								
7440-02-0	Nickel	130	310	30	**15.6**		**14.2**	
7440-09-7	Potassium	NA	NA	NA	**1750**		**1720**	
7782-49-2	Selenium	4	180	3.9	3.37	U	3.69	U
7440-22-4	Silver	8.3	180	2	0.421	U	0.461	U
7440-23-5	Sodium	NA	NA	NA	**355**		**311**	
7440-28-0	Thallium	NA	NA	NA	1.26	U	1.38	U
7440-62-2	Vanadium	NA	NA	NA	**23.6**		**24.3**	
7440-66-6	Zinc	2480	10000	109	**74.5**		**68.9**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)								
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00153	U	0.00125	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00153	U	0.00125	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00153	U	0.00125	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00153	U	0.00125	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00153	U	0.00125	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00153	U	0.00125	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00153	U	0.00125	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00153	U	0.00125	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00153	U	0.00125	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00153	U	0.00125	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	**0.00890**		0.00125	U
96-12-8	1,2-Dibromo-3-chloropropan	NA	NA	NA	0.00153	U	0.00125	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00153	U	0.00125	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00153	U	0.00125	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00153	U	0.00125	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00153	U	0.00125	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	**0.00284**	J	0.00125	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00153	U	0.00125	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00153	U	0.00125	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00153	U	0.00125	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00153	U	0.00125	U
78-93-3	2-Butanone	0.12	100	0.12	**0.0110**		0.00125	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00153	U	0.00125	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00153	U	0.00125	U
591-78-6	2-Hexanone	NA	NA	NA	0.00153	U	0.00125	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00153	U	0.00125	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00153	U	0.00125	U
67-64-1	Acetone	0.05	100	0.05	**0.0910**		**0.0234**	
107-02-8	Acrolein	NA	NA	NA	0.00918	U	0.00750	U

Table 31
Endpoint Sample Results Summary
September 13, 2016 (EP-29 and EP-30)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601751					**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601751-01**		**1601751-02**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-29**		**EP-30**	
Sample Depth (feet below grade surface)					**16**		**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/13/16**		**09/13/16**	
EPA Method SW846 8081/8082 (mg/kg)								
107-13-1	Acrylonitrile	NA	NA	NA	0.00306	U	0.00250	U
71-43-2	Benzene	0.06	4.8	0.06	0.00153	U	0.00125	U
108-86-1	Bromobenzene	NA	NA	NA	0.00153	U	0.00125	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00153	U	0.00125	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00153	U	0.00125	U
75-25-2	Bromoform	NA	NA	NA	0.00153	U	0.00125	U
74-83-9	Bromomethane	NA	NA	NA	0.00153	U	0.00125	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00153	U	0.00125	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00153	U	0.00125	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00153	U	0.00125	U
75-00-3	Chloroethane	NA	NA	NA	0.00153	U	0.00125	U
67-66-3	Chloroform	0.37	49	0.37	0.00153	U	0.00125	U
74-87-3	Chloromethane	NA	NA	NA	0.00153	U	0.00125	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00153	U	0.00125	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00153	U	0.00125	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00153	U	0.00125	U
74-95-3	Dibromomethane	NA	NA	NA	0.00153	U	0.00125	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00153	U	0.00125	U
100-41-4	Ethylbenzene	1	41	1	**0.00199**	J	0.00125	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00153	U	0.00125	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00153	U	0.00125	U
108-38-3/106-42-	m,p-Xylenes	0.8	50	0.13	**0.00916**		0.00250	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00153	U	0.00125	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00153	U	0.00125	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00153	U	0.00125	U
95-47-6	o-Xylene	0.8	50	0.13	**0.00444**	J	0.00250	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00153	U	0.00125	U
135-98-8	sec-Butylbenzene	11	100	11	0.00153	U	0.00125	U
100-42-5	Styrene	NA	NA	NA	0.00153	U	0.00125	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00153	U	0.00125	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00153	U	0.00125	U
108-88-3	Toluene	0.7	100	0.7	**0.00219**	J	0.00125	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00153	U	0.00125	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00153	U	0.00125	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00153	U	0.00125	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00153	U	0.00125	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00153	U	0.00125	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00153	U	0.00125	U

Table 31
Endpoint Sample Results Summary
September 13, 2016 (EP-29 and EP-30)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601751					**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC					**1601751-01**		**1601751-02**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 E. 138th Street					**EP-29**		**EP-30**	
Sample Depth (feet below grade surface)					**16**		**16**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/13/16**		**09/13/16**	
EPA Method SW846 8081/8082 (mg/kg)								
Wet Chemistry (%)								
	Percent Solids	NA	NA	NA	**70.0**		**74.5**	
Wet Chemistry (mg/kg)								
1854-02-99	Chromium, Hexavalent	19	110	1	2.86	U	2.68	U
	Cyanide (total)	40	27	27	1.43	U	1.34	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**18.2**		**16.5**	

Notes:

NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)

NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)

NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)

RED = exceeds NYURU

Highlighted yellow = exceeds NYPGW

NA = no applicable standard

Bold = detected compounds

mg/kg = milligrams per kilograms

Qualifiers:

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

D - Indicates result is based on a dilution

Table 32
Endpoint Sample Results Summary
September 16, 2016 (EP-31)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601783					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1601783-01**		**1601783-01RE1**	
Sample Depth (feet below grade surface):					**15**		**15**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-31**		**EP-31**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/16/16**		**09/16/16**	
EPA Method SW846 8081/8082 (mg/kg)								
72-54-8	4,4'-DDD	14	13	0.0033	0.00358	U	~	
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00358	U	~	
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00358	U	~	
309-00-2	Aldrin	0.19	0.097	0.005	0.00177	U	~	
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00177	U	~	
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00177	U	~	
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0446	U	~	
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0446	U	~	
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0446	U	~	
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0446	U	~	
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0446	U	~	
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0446	U	~	
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0446	U	~	
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0446	U	~	
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0446	U	~	
319-85-7	beta-BHC	0.09	0.36	0.036	0.00177	U	~	
319-86-8	delta-BHC	0.25	100	0.04	0.00177	U	~	
60-57-1	Dieldrin	0.1	0.2	0.005	0.00358	U	~	
959-98-8	Endosulfan I	102	24	2.4	0.00177	U	~	
33213-65-9	Endosulfan II	102	24	2.4	0.00358	U	~	
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00358	U	~	
72-20-8	Endrin	0.06	11	0.014	0.00358	U	~	
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00358	U	~	
53494-70-5	Endrin ketone	NA	NA	NA	0.00358	U	~	
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00177	U	~	
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00177	U	~	
76-44-8	Heptachlor	0.38	2.1	0.042	0.00177	U	~	
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00177	U	~	
72-43-5	Methoxychlor	NA	NA	NA	0.00538	U	~	
8001-35-2	Toxaphene	NA	NA	NA	0.0895	U	~	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)								
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0895	U	~	
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0895	U	~	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0895	U	~	
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0895	U	~	
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0895	U	~	
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0895	U	~	
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0895	U	~	
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0895	U	~	
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0895	U	~	
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0895	U	~	
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0895	U	~	
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0895	U	~	

Table 32
Endpoint Sample Results Summary
September 16, 2016 (EP-31)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601783					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1601783-01**		**1601783-01RE1**	
Sample Depth (feet below grade surface):					**15**		**15**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-31**		**EP-31**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/16/16**		**09/16/16**	
95-57-8	2-Chlorophenol	NA	NA	NA	0.0895	U	~	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0895	U	~	
95-48-7	2-Methylphenol	0.33	100	0.33	0.0895	U	~	
88-74-4	2-Nitroaniline	NA	NA	NA	0.0895	U	~	
88-75-5	2-Nitrophenol	NA	NA	NA	0.0895	U	~	
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	**0.254**	J	~	
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.223	U	~	
99-09-2	3-Nitroaniline	NA	NA	NA	0.0895	U	~	
534-52-1	4,6-Dinitro-2-methylphen	NA	NA	NA	0.0895	U	~	
101-55-3	4-Bromophenyl-phenyleth	NA	NA	NA	0.0895	U	~	
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0895	U	~	
106-47-8	4-Chloroaniline	NA	NA	NA	0.0895	U	~	
7005-72-3	4-Chlorophenyl-phenyleth	NA	NA	NA	0.0895	U	~	
100-01-6	4-Nitroaniline	NA	NA	NA	0.0895	U	~	
100-02-7	4-Nitrophenol	NA	NA	NA	0.0895	U	~	
83-32-9	Acenaphthene	98	100	20	0.0895	U	~	
208-96-8	Acenaphthylene	107	100	100	0.0895	U	~	
120-12-7	Anthracene	1000	100	100	**0.127**	J	~	
56-55-3	Benzo[a]anthracene	1	1	1	**0.453**		~	
50-32-8	Benzo[a]pyrene	22	1	1	**0.487**		~	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.537**		~	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.371**	J	~	
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.244**	J	~	
65-85-0	Benzoic acid	NA	NA	NA	0.223	U	~	
100-51-6	Benzyl alcohol	NA	NA	NA	0.0895	U	~	
111-91-1	bis(2-chloroethoxy)metha	NA	NA	NA	0.0895	U	~	
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0895	U	~	
39638-32-9	bis(2-chloroisopropyl)eth	NA	NA	NA	0.0895	U	~	
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0895	U	~	
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0895	U	~	
218-01-9	Chrysene	1	3.9	1	**0.483**		~	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0895	U	~	
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0895	U	~	
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0895	U	~	
132-64-9	Dibenzofuran	210	59	7	0.0895	U	~	
84-66-2	Diethyl phthalate	NA	NA	NA	0.0895	U	~	
131-11-3	Dimethylphthalate	NA	NA	NA	0.0895	U	~	
206-44-0	Fluoranthene	1000	100	100	**0.980**		~	
86-73-7	Fluorene	386	100	30	0.0895	U	~	
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0895	U	~	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0895	U	~	
77-47-4	Hexachlorocyclopentadie	NA	NA	NA	0.0895	U	~	
67-72-1	Hexachloroethane	NA	NA	NA	0.0895	U	~	
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.308**	J	~	

Table 32
Endpoint Sample Results Summary
September 16, 2016 (EP-31)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601783					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1601783-01**		**1601783-01RE1**	
Sample Depth (feet below grade surface):					**15**		**15**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-31**		**EP-31**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/16/16**		**09/16/16**	
78-59-1	Isophorone	NA	NA	NA	0.0895	U	~	
621-64-7	N-Nitroso-di-n-propylami	NA	NA	NA	0.0895	U	~	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0895	U	~	
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0895	U	~	
91-20-3	Naphthalene	12	100	12	0.0895	U	~	
98-95-3	Nitrobenzene	NA	NA	NA	0.0895	U	~	
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0895	U	~	
85-01-8	Phenanthrene	1000	100	100	**0.505**		~	
108-95-2	Phenol	0.33	100	0.33	0.0895	U	~	
129-00-0	Pyrene	1000	100	100	**0.814**		~	
Total Mercury by SW846 7471 (mg/kg)								
7439-97-6	Mercury	0.73	0.81	0.18	0.202	U	~	
Total Metals by EPA Method SW846 6010 (mg/kg)								
7429-90-5	Aluminum	NA	NA	NA	**14900**		~	
7440-36-0	Antimony	NA	NA	NA	5.75	U	~	
7440-38-2	Arsenic	16	16	13	**4.85**		~	
7440-39-3	Barium	820	400	350	**104**		~	
7440-41-7	Beryllium	47	72	7.2	0.719	U	~	
7440-43-9	Cadmium	7.5	4.3	2.5	**0.902**		~	
7440-70-2	Calcium	NA	NA	NA	**132000**	D	~	
7440-47-3	Chromium	NA	NA	NA	**61.1**		~	
7440-48-4	Cobalt	NA	NA	NA	**8.69**		~	
7440-50-8	Copper	1720	270	50	**35.2**		~	
7439-89-6	Iron	NA	NA	NA	**18200**		~	
7439-92-1	Lead	450	400	63	**52.8**		~	
7439-95-4	Magnesium	NA	NA	NA	**7880**		~	
7439-96-5	Manganese	2000	2000	1600	**458**		~	
7440-02-0	Nickel	130	310	30	**21.1**		~	
7440-09-7	Potassium	NA	NA	NA	**2020**		~	
7782-49-2	Selenium	4	180	3.9	2.88	U	~	
7440-22-4	Silver	8.3	180	2	0.719	U	~	
7440-23-5	Sodium	NA	NA	NA	**753**		~	
7440-28-0	Thallium	NA	NA	NA	2.16	U	~	
7440-62-2	Vanadium	NA	NA	NA	**46.6**		~	
7440-66-6	Zinc	2480	10000	109	**123**		~	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)								
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00419	U	0.0837	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00419	U	0.0837	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00419	U	0.0837	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00419	U	0.0837	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00419	U	0.0837	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00419	U	0.0837	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00419	U	0.0837	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00419	U	0.0837	U

Table 32
Endpoint Sample Results Summary
September 16, 2016 (EP-31)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601783					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1601783-01**		**1601783-01RE1**	
Sample Depth (feet below grade surface):					**15**		**15**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-31**		**EP-31**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/16/16**		**09/16/16**	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00419	U	0.0837	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00419	U	0.0837	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	**0.0360**		0.0837	U
96-12-8	1,2-Dibromo-3-chloropro	NA	NA	NA	0.00419	U	0.0837	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00419	U	0.0837	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00419	U	0.0837	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00419	U	0.0837	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00419	U	0.0837	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	**0.00846**		0.0837	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00419	U	0.0837	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00419	U	0.0837	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00419	U	0.0837	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00419	U	0.0837	U
78-93-3	2-Butanone	0.12	100	0.12	**0.453**		**0.529**	D
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00419	U	0.0837	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00419	U	0.0837	U
591-78-6	2-Hexanone	NA	NA	NA	0.00419	U	0.0837	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00419	U	0.0837	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00419	U	0.0837	U
67-64-1	Acetone	0.05	100	0.05	**2.29**	BE	**1.95**	D
107-02-8	Acrolein	NA	NA	NA	0.0251	U	0.502	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00837	U	0.167	U
71-43-2	Benzene	0.06	4.8	0.06	0.00419	U	0.0837	U
108-86-1	Bromobenzene	NA	NA	NA	0.00419	U	0.0837	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00419	U	0.0837	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00419	U	0.0837	U
75-25-2	Bromoform	NA	NA	NA	0.00419	U	0.0837	U
74-83-9	Bromomethane	NA	NA	NA	0.00419	U	0.0837	U
75-15-0	Carbon disulfide	NA	NA	NA	**0.0358**		0.0837	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00419	U	0.0837	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00419	U	0.0837	U
75-00-3	Chloroethane	NA	NA	NA	0.00419	U	0.0837	U
67-66-3	Chloroform	0.37	49	0.37	0.00419	U	0.0837	U
74-87-3	Chloromethane	NA	NA	NA	0.00419	U	0.0837	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00419	U	0.0837	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00419	U	0.0837	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00419	U	0.0837	U
74-95-3	Dibromomethane	NA	NA	NA	0.00419	U	0.0837	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00419	U	0.0837	U
100-41-4	Ethylbenzene	1	41	1	**0.00574**	J	0.0837	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00419	U	0.0837	U
98-82-8	Isopropylbenzene	NA	NA	NA	**0.00507**	J	0.0837	U
108-38-3/106-42	m,p-Xylenes	0.8	50	0.13	**0.0145**	J	0.167	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00419	U	0.0837	U

Table 32
Endpoint Sample Results Summary
September 16, 2016 (EP-31)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601783					Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1601783-01**		**1601783-01RE1**	
Sample Depth (feet below grade surface):					**15**		**15**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-31**		**EP-31**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**09/16/16**		**09/16/16**	
104-51-8	n-Butyl Benzene	NA	NA	12	**0.00896**		0.0837	U
103-65-1	n-Propyl Benzene	NA	NA	NA	**0.00775**	J	0.0837	U
95-47-6	o-Xylene	0.8	50	0.13	0.00837	U	0.167	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00419	U	0.0837	U
135-98-8	sec-Butylbenzene	11	100	11	**0.00766**	J	0.0837	U
100-42-5	Styrene	NA	NA	NA	0.00419	U	0.0837	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00419	U	0.0837	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00419	U	0.0837	U
108-88-3	Toluene	0.7	100	0.7	**0.00519**	J	0.0837	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00419	U	0.0837	U
10061-02-6	trans-1,3-Dichloropropen	NA	NA	NA	0.00419	U	0.0837	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00419	U	0.0837	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00419	U	0.0837	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00419	U	0.0837	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00419	U	0.0837	U
Wet Chemistry (%)								
	Percent Solids	NA	NA	NA	**37.2**			
Wet Chemistry (mg/kg)								
1854-02-99	Chromium, Hexavalent	19	110	1	5.38	U		
	Cyanide (total)	40	27	27	2.69	U		
16065-83-1	Trivalent Chromium	NA	NA	NA	**61.1**			

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 200
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
NA = no applicable standard
~ = compound not analyzed
Bold = detected compounds
mg/kg = milligrams per kilograms

Qualifiers:
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
EPA Method SW846 8081/8082 (mg/kg)														
72-54-8	4,4'-DDD	14	13	0.0033	0.00493	U	0.00154	U	~		0.00152	U	~	
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00493	U	0.00154	U	~		0.00152	U	~	
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00493	U	0.00154	U	~		0.00152	U	~	
309-00-2	Aldrin	0.19	0.097	0.005	0.00244	U	0.000763	U	~		0.000755	U	~	
319-84-6	alpha-BHC	0.02	0.48	0.02	0.00244	U	0.000763	U	~		0.000755	U	~	
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.00244	U	0.000763	U	~		0.000755	U	~	
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0615	U	0.0192	U	~		0.0190	U	~	
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0615	U	0.0192	U	~		0.0190	U	~	
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0615	U	0.0192	U	~		0.0190	U	~	
319-85-7	beta-BHC	0.09	0.36	0.036	0.00244	U	0.000763	U	~		0.000755	U	~	
319-86-8	delta-BHC	0.25	100	0.04	0.00244	U	0.000763	U	~		0.000755	U	~	
60-57-1	Dieldrin	0.1	0.2	0.005	0.00493	U	0.00154	U	~		0.00152	U	~	
959-98-8	Endosulfan I	102	24	2.4	0.00244	U	0.000763	U	~		0.000755	U	~	
33213-65-9	Endosulfan II	102	24	2.4	0.00493	U	0.00154	U	~		0.00152	U	~	
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00493	U	0.00154	U	~		0.00152	U	~	
72-20-8	Endrin	0.06	11	0.014	0.00493	U	0.00154	U	~		0.00152	U	~	
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00493	U	0.00154	U	~		0.00152	U	~	
53494-70-5	Endrin ketone	NA	NA	NA	0.00493	U	0.00154	U	~		0.00152	U	~	
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.00244	U	0.000763	U	~		0.000755	U	~	
5566-34-7	gamma-Chlordane	NA	NA	NA	0.00244	U	0.000763	U	~		0.000755	U	~	
76-44-8	Heptachlor	0.38	2.1	0.042	0.00244	U	0.000763	U	~		0.000755	U	~	
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.00244	U	0.000763	U	~		0.000755	U	~	
72-43-5	Methoxychlor	NA	NA	NA	0.00741	U	0.00231	U	~		0.00229	U	~	
8001-35-2	Toxaphene	NA	NA	NA	0.123	U	0.0385	U	~		0.0381	U	~	

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)														
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
95-57-8	2-Chlorophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.123	U	**10.2**	E	**11.3**	D	**1.14**		~	
95-48-7	2-Methylphenol	0.33	100	0.33	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
88-74-4	2-Nitroaniline	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
88-75-5	2-Nitrophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.307	U	0.0960	U	0.960	U	0.0950	U	~	
99-09-2	3-Nitroaniline	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
106-47-8	4-Chloroaniline	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
100-01-6	4-Nitroaniline	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
100-02-7	4-Nitrophenol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
83-32-9	Acenaphthene	98	100	20	0.123	U	**0.0427**	J	0.385	U	0.0381	U	~	
208-96-8	Acenaphthylene	107	100	100	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
120-12-7	Anthracene	1000	100	100	**0.141**	J	**0.0535**	J	0.385	U	0.0381	U	~	

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
56-55-3	Benzo[a]anthracene	1	1	1	**0.431**	J	**0.0506**	J	0.385	U	0.0381	U	~	
50-32-8	Benzo[a]pyrene	22	1	1	**0.420**	J	0.0385	U	0.385	U	0.0381	U	~	
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.520**	J	0.0385	U	0.385	U	0.0381	U	~	
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.294**	J	0.0385	U	0.385	U	0.0381	U	~	
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.174**	J	0.0385	U	0.385	U	0.0381	U	~	
65-85-0	Benzoic acid	NA	NA	NA	0.307	U	0.0960	U	0.960	U	0.0950	U	~	
100-51-6	Benzyl alcohol	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
218-01-9	Chrysene	1	3.9	1	**0.482**	J	**0.0484**	J	0.385	U	0.0381	U	~	
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
132-64-9	Dibenzofuran	210	59	7	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
84-66-2	Diethyl phthalate	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
131-11-3	Dimethylphthalate	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
206-44-0	Fluoranthene	1000	100	100	**0.959**		**0.114**	J	0.385	U	0.0381	U	~	
86-73-7	Fluorene	386	100	30	0.123	U	**0.113**	J	0.385	U	0.0381	U	~	
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
67-72-1	Hexachloroethane	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.261**	J	0.0385	U	0.385	U	0.0381	U	~	
78-59-1	Isophorone	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
91-20-3	Naphthalene	12	100	12	0.123	U	**10.3**	E	**14.2**	D	**1.19**		~	

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
98-95-3	Nitrobenzene	NA	NA	NA	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
85-01-8	Phenanthrene	1000	100	100	**0.815**		**0.215**		0.385	U	0.0381	U	~	
108-95-2	Phenol	0.33	100	0.33	0.123	U	0.0385	U	0.385	U	0.0381	U	~	
129-00-0	Pyrene	1000	100	100	**1.09**		**0.116**	J	0.385	U	0.0381	U	~	
Total Mercury by SW846 7471 (mg/kg)														
7439-97-6	Mercury	0.73	0.81	0.18	0.278	U	0.0867	U	~		0.0858	U	~	
Total Metals by EPA Method SW846 6010 (mg/kg)														
7429-90-5	Aluminum	NA	NA	NA	**13000**		**7210**		~		**6580**		~	
7440-36-0	Antimony	NA	NA	NA	13.4	U	3.64	U	~		3.65	U	~	
7440-38-2	Arsenic	16	16	13	**5.44**		**1.08**		~		**0.958**		~	
7440-39-3	Barium	820	400	350	**74.8**		**41.7**		~		**38.2**		~	
7440-41-7	Beryllium	47	72	7.2	1.68	U	0.456	U	~		0.457	U	~	
7440-43-9	Cadmium	7.5	4.3	2.5	1.68	U	0.456	U	~		0.457	U	~	
7440-70-2	Calcium	NA	NA	NA	**8850**		**8550**		~		**8710**		~	
7440-47-3	Chromium	NA	NA	NA	**24.8**		**16.1**		~		**14.3**		~	
7440-48-4	Cobalt	NA	NA	NA	16.8	U	**7.27**		~		**7.10**		~	
7440-50-8	Copper	1720	270	50	**25.7**		**18.2**		~		**17.1**		~	
7439-89-6	Iron	NA	NA	NA	**20600**		**15800**	D	~		**15600**	D	~	
7439-92-1	Lead	450	400	63	**38.9**		**7.79**		~		**8.52**		~	
7439-95-4	Magnesium	NA	NA	NA	**6320**		**7720**		~		**7580**		~	
7439-96-5	Manganese	2000	2000	1600	**167**		**415**		~		**556**		~	
7440-02-0	Nickel	130	310	30	**16.0**		**12.9**		~		**11.1**		~	
7440-09-7	Potassium	NA	NA	NA	**1810**		**1690**		~		**1530**		~	
7782-49-2	Selenium	4	180	3.9	13.4	U	3.64	U	~		3.65	U	~	
7440-22-4	Silver	8.3	180	2	1.68	U	0.456	U	~		0.457	U	~	
7440-23-5	Sodium	NA	NA	NA	**3520**		**185**		~		**180**		~	
7440-28-0	Thallium	NA	NA	NA	5.04	U	1.37	U	~		1.37	U	~	
7440-62-2	Vanadium	NA	NA	NA	**37.5**		**27.5**		~		**23.7**		~	
7440-66-6	Zinc	2480	10000	109	**76.3**		**43.0**		~		**41.1**		~	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)														

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00553	U	0.000980	U	~		**0.0423**	JD	0.114	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00553	U	0.000980	U	~		**0.117**	D	0.114	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
78-93-3	2-Butanone	0.12	100	0.12	**0.0444**		0.000980	U	~		0.0229	U	0.114	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
591-78-6	2-Hexanone	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
67-64-1	Acetone	0.05	100	0.05	**0.129**	B	**0.0214**		~		0.0229	U	0.114	U
107-02-8	Acrolein	NA	NA	NA	0.0332	U	0.00588	U	~		0.137	U	0.686	U
107-13-1	Acrylonitrile	NA	NA	NA	0.0111	U	0.00196	U	~		0.0458	U	0.229	U
71-43-2	Benzene	0.06	4.8	0.06	0.00553	U	0.000980	U	~		0.0229	U	0.114	U

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
108-86-1	Bromobenzene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-25-2	Bromoform	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
74-83-9	Bromomethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-00-3	Chloroethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
67-66-3	Chloroform	0.37	49	0.37	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
74-87-3	Chloromethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
74-95-3	Dibromomethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
100-41-4	Ethylbenzene	1	41	1	0.00553	U	**0.0130**		~		**0.397**	D	0.114	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00553	U	**0.0373**		~		**1.92**	D	0.114	U
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.0111	U	0.00196	U	~		0.0458	U	0.229	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00553	U	**0.0126**		~		**2.77**	D	0.114	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00553	U	**0.103**		~		**7.15**	DE	**6.64**	D
95-47-6	o-Xylene	0.8	50	0.13	0.0111	U	0.00196	U	~		0.0458	U	0.229	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00553	U	0.000980	U	~		**0.234**	D	0.114	U
135-98-8	sec-Butylbenzene	11	100	11	0.00553	U	0.000980	U	~		**1.14**	D	0.114	U
100-42-5	Styrene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
108-88-3	Toluene	0.7	100	0.7	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00553	U	0.000980	U	~		0.0229	U	0.114	U

Table 33
Endpoint Sample Results Summary
November 7, 2016 (EP-32, EP-33, and DUP-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602114					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602114-01**		**1602114-02**		**1602114-02RE1**		**1602114-03**		**1602114-03RE1**	
Sample Depth (feet below grade surface):					**15-15.5**		**9.5-10**		**9.5-10**		**9.5-10**		**9.5-10**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-32**		**EP-33**		**EP-33**		**DUP-1**		**DUP-1**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**		**11/07/16**	
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00553	U	0.000980	U	~		0.0229	U	0.114	U
Wet Chemistry (%)														
	Percent Solids	NA	NA	NA	**27.0**		**86.5**		~		**87.4**		~	
Wet Chemistry (mg/kg)														
1854-02-99	Chromium, Hexavalent	19	110	1	7.41	U	2.31	U	~		2.29	U	~	
	Cyanide (total)	40	27	27	3.70	U	1.16	U	~		1.14	U	~	
16065-83-1	Trivalent Chromium	NA	NA	NA	**24.8**		**16.1**		~		**14.3**		~	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted gray = Compound was not detected, but the Method Detection Limit (MDL) was above the NYURU SCOs. According to the laboratory, the elevated Selenium MDLs are due to the high moisture content of the sample matricies
NA = no applicable standard
~ = compound not analyzed
Bold = detected compounds
mg/kg = milligrams per kilograms

Qualifiers:
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank

Table 34
Endpoint Sample Results Summary
December 2, 2016 (EP-34 - EP-40 and DUP-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602245					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602245-01**		**1602245-02**		**1602245-03**		**1602245-04**		**1602245-05**		**1602245-06**		**1602245-06RE1**		**1602245-07**		**1602245-08**	
Sample Depth (feet below gradue surface):					**3-3.5**		**3-3.5**		**4-4.5**		**5-5.5**		**4-4.5**		**5-5.5**		**5-5.5**		**6-6.5**		**6-6.5**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-34**		**EP-35**		**EP-36**		**EP-37**		**EP-38**		**EP-39**		**EP-39**		**EP-40**		**DUP-2**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**	
EPA Method SW846 8081/8082 (mg/kg)																						
72-54-8	4,4'-DDD	14	13	0.0033	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
72-55-9	4,4'-DDE	17	8.9	0.0033	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
50-29-3	4,4'-DDT	136	7.9	0.0033	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
309-00-2	Aldrin	0.19	0.097	0.005	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
319-84-6	alpha-BHC	0.02	0.48	0.02	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
5103-71-9	alpha-Chlordane	2.9	4.2	0.094	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
12674-11-2	Aroclor-1016	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
11104-28-2	Aroclor-1221	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
11141-16-5	Aroclor-1232	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
53469-21-9	Aroclor-1242	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
12672-29-6	Aroclor-1248	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
11097-69-1	Aroclor-1254	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
11096-82-5	Aroclor-1260	3.2	1	0.1	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
37324-23-5	Aroclor-1262	3.2	NA	NA	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
11100-14-4	Aroclor-1268	3.2	NA	NA	0.0209	U	0.0216	U	0.0209	U	0.0208	U	0.0200	U	0.0203	U	~		0.0191	U	0.0193	U
319-85-7	beta-BHC	0.09	0.36	0.036	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
319-86-8	delta-BHC	0.25	100	0.04	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
60-57-1	Dieldrin	0.1	0.2	0.005	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
959-98-8	Endosulfan I	102	24	2.4	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
33213-65-9	Endosulfan II	102	24	2.4	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
1031-07-8	Endosulfan sulfate	1000	24	2.4	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
72-20-8	Endrin	0.06	11	0.014	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
53494-70-5	Endrin ketone	NA	NA	NA	0.00168	U	0.00173	U	0.00168	U	0.00166	U	0.00160	U	0.00162	U	~		0.00153	U	0.00154	U
58-89-9	gamma-BHC [Lindane]	0.1	NA	NA	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
5566-34-7	gamma-Chlordane	NA	NA	NA	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
76-44-8	Heptachlor	0.38	2.1	0.042	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
1024-57-3	Heptachlor Epoxide	NA	NA	NA	0.000831	U	0.000860	U	0.000831	U	0.000825	U	0.000793	U	0.000806	U	~		0.000758	U	0.000767	U
72-43-5	Methoxychlor	NA	NA	NA	0.00252	U	0.00261	U	0.00252	U	0.00250	U	0.00240	U	0.00244	U	~		0.00230	U	0.00232	U
8001-35-2	Toxaphene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	~		0.0382	U	0.0387	U
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)																						
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
95-95-4	2,4,5-Trichlorophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U

Table 34
Endpoint Sample Results Summary
December 2, 2016 (EP-34 - EP-40 and DUP-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602245					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602245-01**		**1602245-02**		**1602245-03**		**1602245-04**		**1602245-05**		**1602245-06**		**1602245-06RE1**		**1602245-07**		**1602245-08**	
Sample Depth (feet below gradue surface):					**3-3.5**		**3-3.5**		**4-4.5**		**5-5.5**		**4-4.5**		**5-5.5**		**5-5.5**		**6-6.5**		**6-6.5**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-34**		**EP-35**		**EP-36**		**EP-37**		**EP-38**		**EP-39**		**EP-39**		**EP-40**		**DUP-2**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**	
88-06-2	2,4,6-Trichlorophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
120-83-2	2,4-Dichlorophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
105-67-9	2,4-Dimethylphenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	**0.114**	J	0.813	U	0.0382	U	0.0387	U
51-28-5	2,4-Dinitrophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
121-14-2	2,4-Dinitrotoluene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
606-20-2	2,6-Dinitrotoluene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
95-57-8	2-Chlorophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
91-57-6	2-Methylnaphthylene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	**4.47**		**4.97**	D	0.0382	U	0.0387	U
95-48-7	2-Methylphenol	0.33	100	0.33	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	**0.0901**	J	0.813	U	0.0382	U	0.0387	U
88-74-4	2-Nitroaniline	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
88-75-5	2-Nitrophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
106-44-5	3 & 4-Methylphenol	0.33	100	0.33	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	**0.222**		0.813	U	0.0382	U	0.0387	U
91-94-1	3,3'-Dichlorobenzidine	NA	NA	NA	0.105	U	0.108	U	0.105	U	0.104	U	0.0998	U	0.101	U	2.03	U	0.0953	U	0.0964	U
99-09-2	3-Nitroaniline	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
106-47-8	4-Chloroaniline	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
100-01-6	4-Nitroaniline	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
100-02-7	4-Nitrophenol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
83-32-9	Acenaphthene	98	100	20	**0.0484**	J	0.0434	U	**0.0852**	J	0.0416	U	0.0400	U	**5.53**	E	**7.08**	D	0.0382	U	0.0387	U
208-96-8	Acenaphthylene	107	100	100	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	**0.235**		0.813	U	0.0382	U	0.0387	U
120-12-7	Anthracene	1000	100	100	**0.133**	J	**0.107**	J	**0.192**	J	**0.0922**	J	0.0400	U	**9.42**	E	**11.6**	D	0.0382	U	0.0387	U
56-55-3	Benzo[a]anthracene	1	1	1	**0.390**		**0.221**		**0.406**		**0.209**		0.0400	U	**21.9**	E	**19.8**	D	0.0382	U	**0.0583**	J
50-32-8	Benzo[a]pyrene	22	1	1	**0.386**		**0.210**	J	**0.348**		**0.202**	J	0.0400	U	**15.6**	E	**15.7**	D	0.0382	U	**0.0535**	J
205-99-2	Benzo[b]fluoranthene	1.7	1	1	**0.643**		**0.263**		**0.453**		**0.256**		0.0400	U	**30.9**	E	**27.5**	D	0.0382	U	**0.0633**	J
191-24-2	Benzo[ghi]perylene	1000	100	100	**0.0759**	J	**0.0999**	J	**0.118**	J	**0.0706**	J	0.0400	U	**3.78**		**4.66**	D	0.0382	U	0.0387	U
207-08-9	Benzo[k]fluoranthene	1.7	3.9	0.8	**0.198**	J	**0.0844**	J	**0.146**	J	**0.0856**	J	0.0400	U	**7.45**	E	**8.26**	D	0.0382	U	0.0387	U
65-85-0	Benzoic acid	NA	NA	NA	0.105	U	0.108	U	0.105	U	0.104	U	0.0998	U	0.101	U	2.03	U	0.0953	U	0.0964	U
100-51-6	Benzyl alcohol	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
111-44-4	bis(2-chloroethyl)ether	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
117-81-7	bis(2-ethylhexyl)phthalate	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
85-68-7	Butylbenzylphthalate	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U

Table 34
Endpoint Sample Results Summary
December 2, 2016 (EP-34 - EP-40 and DUP-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602245					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602245-01**		**1602245-02**		**1602245-03**		**1602245-04**		**1602245-05**		**1602245-06**		**1602245-06RE1**		**1602245-07**		**1602245-08**	
Sample Depth (feet below gradue surface):					**3-3.5**		**3-3.5**		**4-4.5**		**5-5.5**		**4-4.5**		**5-5.5**		**5-5.5**		**6-6.5**		**6-6.5**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-34**		**EP-35**		**EP-36**		**EP-37**		**EP-38**		**EP-39**		**EP-39**		**EP-40**		**DUP-2**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**	
218-01-9	Chrysene	1	3.9	1	**0.403**		**0.237**		**0.415**		**0.218**		0.0400	U	**14.4**	E	**18.9**	D	0.0382	U	**0.0619**	J
84-74-2	Di-n-butyl phthalate	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
117-84-0	Di-n-octyl phthalate	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
53-70-3	Dibenzo(a,h)anthracene	1000	0.33	0.33	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	**1.36**		0.813	U	0.0382	U	0.0387	U
132-64-9	Dibenzofuran	210	59	7	0.0419	U	0.0434	U	**0.0555**	J	0.0416	U	0.0400	U	**6.21**	E	**7.82**	D	0.0382	U	0.0387	U
84-66-2	Diethyl phthalate	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
131-11-3	Dimethylphthalate	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
206-44-0	Fluoranthene	1000	100	100	**0.924**		**0.572**		**1.03**		**0.530**		0.0400	U	**36.6**	E	**41.9**	D	**0.0568**	J	**0.143**	J
86-73-7	Fluorene	386	100	30	**0.0610**	J	**0.0515**	J	**0.0891**	J	**0.0468**	J	0.0400	U	**6.94**	E	**8.97**	D	0.0382	U	0.0387	U
118-74-1	Hexachlorobenzene	3.2	1.2	0.33	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
77-47-4	Hexachlorocyclopentadiene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
67-72-1	Hexachloroethane	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
193-39-5	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	**0.0835**	J	**0.0884**	J	**0.116**	J	**0.0721**	J	0.0400	U	**3.76**		**4.77**	D	0.0382	U	0.0387	U
78-59-1	Isophorone	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
621-64-7	N-Nitroso-di-n-propylamine	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
62-75-9	N-Nitrosodimethylamine	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
86-30-6	N-Nitrosodiphenylamine	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
91-20-3	Naphthalene	12	100	12	0.0419	U	**0.0472**	J	0.0419	U	0.0416	U	0.0400	U	**11.1**	E	**16.6**	D	0.0382	U	0.0387	U
98-95-3	Nitrobenzene	NA	NA	NA	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
87-86-5	Pentachlorophenol	0.8	6.7	0.8	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
85-01-8	Phenanthrene	1000	100	100	**0.666**		**0.512**		**0.965**		**0.438**		0.0400	U	**40.2**	E	**59.1**	D	0.0382	U	**0.0964**	J
108-95-2	Phenol	0.33	100	0.33	0.0419	U	0.0434	U	0.0419	U	0.0416	U	0.0400	U	0.0407	U	0.813	U	0.0382	U	0.0387	U
129-00-0	Pyrene	1000	100	100	**0.820**		**0.452**		**0.811**		**0.407**		0.0400	U	**47.3**	E	**88.8**	D	**0.0471**	J	**0.113**	J
Total Mercury by SW846 7471 (mg/kg)																						
7439-97-6	Mercury	0.73	0.81	0.18	**0.215**		**0.223**		**0.202**		**0.269**		0.0901	U	**0.237**		~		0.0861	U	**0.0883**	
Total Metals by EPA Method SW846 6010 (mg/kg)																						
7429-90-5	Aluminum	NA	NA	NA	**10600**		**11100**		**12000**		**11200**		**11500**		**10300**		~		**9890**		**10600**	
7440-36-0	Antimony	NA	NA	NA	3.62	U	5.10	U	4.10	U	4.51	U	3.63	U	4.65	U	~		3.71	U	4.10	U
7440-38-2	Arsenic	16	16	13	**2.28**		**2.84**		**1.73**		**2.11**		0.908	U	**2.30**		~		**1.56**		**1.73**	
7440-39-3	Barium	820	400	350	**76.9**		**76.7**		**52.5**		**69.9**		**52.5**		**72.2**		~		**55.1**		**42.9**	
7440-41-7	Beryllium	47	72	7.2	**0.492**		0.637	U	0.512	U	0.564	U	**0.526**		0.581	U	~		0.463	U	0.513	U
7440-43-9	Cadmium	7.5	4.3	2.5	**1.35**		**1.27**		**0.770**		**1.15**		**0.695**		**1.06**		~		**0.913**		**0.554**	
7440-70-2	Calcium	NA	NA	NA	**13200**		**6920**		**3580**		**7290**		**1150**		**6750**		~		**3270**		**1380**	
7440-47-3	Chromium	NA	NA	NA	**21.0**		**20.8**		**21.1**		**21.5**		**21.3**		**19.8**		~		**18.4**		**17.5**	
7440-48-4	Cobalt	NA	NA	NA	**9.53**		**9.86**		**8.71**		**9.88**		**10.7**		**9.73**		~		**10.2**		**11.1**	
7440-50-8	Copper	1720	270	50	**46.1**		**46.0**		**24.8**		**48.3**		**19.8**		**44.3**		~		**30.7**		**18.3**	

Table 34
Endpoint Sample Results Summary
December 2, 2016 (EP-34 - EP-40 and DUP-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602245					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602245-01**		**1602245-02**		**1602245-03**		**1602245-04**		**1602245-05**		**1602245-06**		**1602245-06RE1**		**1602245-07**		**1602245-08**	
Sample Depth (feet below gradue surface):					**3-3.5**		**3-3.5**		**4-4.5**		**5-5.5**		**4-4.5**		**5-5.5**		**5-5.5**		**6-6.5**		**6-6.5**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-34**		**EP-35**		**EP-36**		**EP-37**		**EP-38**		**EP-39**		**EP-39**		**EP-40**		**DUP-2**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**	
7439-89-6	Iron	NA	NA	NA	**24100**	D	**27100**	D	**20600**	D	**24900**	D	**19800**	D	**23200**	D	~		**21400**	D	**18000**	D
7439-92-1	Lead	450	400	63	**169**		**134**		**48.8**		**174**		**17.3**		**162**		~		**63.6**		**31.8**	
7439-95-4	Magnesium	NA	NA	NA	**7500**		**5830**		**5090**		**6270**		**4790**		**6280**		~		**5080**		**4270**	
7439-96-5	Manganese	2000	2000	1600	**400**		**411**		**389**		**466**		**360**		**401**		~		**412**		**227**	
7440-02-0	Nickel	130	310	30	**18.3**		**18.7**		**15.7**		**17.6**		**17.3**		**17.4**		~		**17.2**		**16.4**	
7440-09-7	Potassium	NA	NA	NA	**1540**		**1490**		**1230**		**1530**		**1760**		**1530**		~		**1440**		**1110**	
7782-49-2	Selenium	4	180	3.9	3.62	U	2.55	U	2.05	U	2.26	U	3.63	U	2.32	U	~		3.71	U	2.05	U
7440-22-4	Silver	8.3	180	2	0.453	U	0.637	U	0.512	U	0.564	U	0.454	U	0.581	U	~		0.463	U	0.513	U
7440-23-5	Sodium	NA	NA	NA	**275**		**283**		**227**		**279**		**126**		**239**		~		**129**		**138**	
7440-28-0	Thallium	NA	NA	NA	1.36	U	1.91	U	1.54	U	1.69	U	1.36	U	1.74	U	~		1.39	U	1.54	U
7440-62-2	Vanadium	NA	NA	NA	**30.6**		**30.7**		**28.3**		**29.7**		**33.8**		**29.0**		~		**25.9**		**22.7**	
7440-66-6	Zinc	2480	10000	109	**150**		**151**		**92.3**		**127**		**61.3**		**131**		~		**100**		**55.6**	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)																						
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
71-55-6	1,1,1-Trichloroethane	0.68	100	0.68	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
79-34-5	1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
79-00-5	1,1,2-Trichloroethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-34-3	1,1-Dichloroethane	0.27	26	0.27	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-35-4	1,1-Dichloroethene	0.33	100	0.33	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
95-63-6	1,2,4-Trimethylbenzene	3.6	52	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
106-93-4	1,2-Dibromoethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
95-50-1	1,2-Dichlorobenzene	1.1	100	1.1	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
107-06-2	1,2-Dichloroethane	0.02	3.1	0.02	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
78-87-5	1,2-Dichloropropane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-67-8	1,3,5-Trimethylbenzene	8.4	NA	8.4	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
541-73-1	1,3-Dichlorobenzene	2.4	49	2.4	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
106-46-7	1,4-Dichlorobenzene	1.8	13	1.8	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
78-93-3	2-Butanone	0.12	100	0.12	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	**0.00522**	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U

Table 34
Endpoint Sample Results Summary
December 2, 2016 (EP-34 - EP-40 and DUP-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602245					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602245-01**		**1602245-02**		**1602245-03**		**1602245-04**		**1602245-05**		**1602245-06**		**1602245-06RE1**		**1602245-07**		**1602245-08**	
Sample Depth (feet below gradue surface):					**3-3.5**		**3-3.5**		**4-4.5**		**5-5.5**		**4-4.5**		**5-5.5**		**5-5.5**		**6-6.5**		**6-6.5**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-34**		**EP-35**		**EP-36**		**EP-37**		**EP-38**		**EP-39**		**EP-39**		**EP-40**		**DUP-2**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**	
591-78-6	2-Hexanone	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
67-64-1	Acetone	0.05	100	0.05	**0.00717**		0.00117	U	0.00126	U	0.00118	U	**0.00185**		0.00112	U	~		**0.00659**		**0.0182**	
107-02-8	Acrolein	NA	NA	NA	0.00720	U	0.00705	U	0.00754	U	0.00710	U	0.00556	U	0.00672	U	~		0.00560	U	0.00556	U
107-13-1	Acrylonitrile	NA	NA	NA	0.00240	U	0.00235	U	0.00251	U	0.00237	U	0.00185	U	0.00224	U	~		0.00187	U	0.00185	U
71-43-2	Benzene	0.06	4.8	0.06	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-86-1	Bromobenzene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-27-4	Bromodichloromethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-25-2	Bromoform	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
74-83-9	Bromomethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-15-0	Carbon disulfide	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
56-23-5	Carbon Tetrachloride	0.76	2.4	0.76	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-90-7	Chlorobenzene	1.1	100	1.1	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-00-3	Chloroethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
67-66-3	Chloroform	0.37	49	0.37	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
74-87-3	Chloromethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
156-59-4	cis-1,2-Dichloroethene	0.25	100	0.25	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
10061-01-5	cis-1,3-Dichloropropene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
124-48-1	Dibromochloromethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
74-95-3	Dibromomethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-71-8	Dichlorodifluoromethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
100-41-4	Ethylbenzene	1	41	1	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
87-68-3	Hexachlorobutadiene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-38-3/106-	m,p-Xylenes	0.8	50	0.13	0.00240	U	0.00235	U	0.00251	U	0.00237	U	0.00185	U	0.00224	U	~		0.00187	U	0.00185	U
75-09-2	Methylene Chloride	0.05	100	0.05	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
104-51-8	n-Butyl Benzene	NA	NA	12	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
95-47-6	o-Xylene	0.8	50	0.13	0.00240	U	0.00235	U	0.00251	U	0.00237	U	0.00185	U	0.00224	U	~		0.00187	U	0.00185	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
135-98-8	sec-Butylbenzene	11	100	11	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
100-42-5	Styrene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
98-06-6	tert-Butylbenzene	5.9	100	5.9	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
127-18-4	Tetrachloroethene	1.3	19	1.3	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-88-3	Toluene	0.7	100	0.7	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U

Table 34
Endpoint Sample Results Summary
December 2, 2016 (EP-34 - EP-40 and DUP-2)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1602245					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					**1602245-01**		**1602245-02**		**1602245-03**		**1602245-04**		**1602245-05**		**1602245-06**		**1602245-06RE1**		**1602245-07**		**1602245-08**	
Sample Depth (feet below gradue surface):					**3-3.5**		**3-3.5**		**4-4.5**		**5-5.5**		**4-4.5**		**5-5.5**		**5-5.5**		**6-6.5**		**6-6.5**	
Client: BRINKERHOFF ENVIRONMENTAL - 255 East 138th Street					**EP-34**		**EP-35**		**EP-36**		**EP-37**		**EP-38**		**EP-39**		**EP-39**		**EP-40**		**DUP-2**	
CAS#	**Compound**	**NYPGW**	**NYRRES**	**NYURU**	**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**		**12/02/16**	
156-60-5	trans-1,2-Dichloroethene	0.19	100	0.19	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
10061-02-6	trans-1,3-Dichloropropene	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
79-01-6	Trichloroethene	0.47	21	0.47	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-69-4	Trichlorofluoromethane	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
75-01-4	Vinyl chloride	0.02	0.9	0.02	0.00120	U	0.00117	U	0.00126	U	0.00118	U	0.000927	U	0.00112	U	~		0.000933	U	0.000926	U
Wet Chemistry (%)																						
	Percent Solids	NA	NA	NA	**79.4**		**76.7**		**79.4**		**80.0**		**83.2**		**81.9**		~		**87.1**		**86.1**	
Wet Chemistry (mg/kg)																						
1854-02-99	Chromium, Hexavalent	19	110	1	2.52	U	2.61	U	2.52	U	2.50	U	2.40	U	2.44	U	~		2.30	U	2.32	U
	Cyanide (total)	40	27	27	1.26	U	1.30	U	1.26	U	1.25	U	1.20	U	1.22	U	~		1.15	U	1.16	U
16065-83-1	Trivalent Chromium	NA	NA	NA	**21.0**		**20.8**		**21.1**		**21.5**		**21.3**		**19.8**		~		**18.4**		**17.5**	

Notes:
NYURU = NY Unrestricted Use (Table 375-6.8(a) Dec. 2006)
NYRRES = NY Restricted-Resedential Use (Table 375-6.8(b) Dec. 2006)
NYPGW = NY Protection of Groundwater (Table 375-6.8(b) Dec. 2006)
RED = exceeds NYURU
Highlighted yellow = exceeds NYPGW
Underlined = exceeds NYRRES
~ = compound was not analyzed
NA = no applicable standard
Bold = detected compounds
mg/kg = miligram per kilogram

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 35
Pre-Construction Groundwater Sample Results Summary
August 20, 2015 (TMW-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501458			Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC			1501458-01		1501458-01RE1	
Client: BRINKERHOFF		NYSDEC	TMW-1		TMW-1	
CAS#	Compound	GWQS	08/20/15		08/20/15	
Semivolatile Organic Compounds EPA Method SW846 8270 (ug/L)						
120-82-1	1,2,4-Trichlorobenzene	5	0.515	U	2.58	U
95-50-1	1,2-Dichlorobenzene	3	0.515	U	2.58	U
541-73-1	1,3-Dichlorobenzene	3	0.515	U	2.58	U
106-46-7	1,4-Dichlorobenzene	3	0.515	U	2.58	U
95-95-4	2,4,5-Trichlorophenol	NA	0.515	U	2.58	U
88-06-2	2,4,6-Trichlorophenol	NA	0.515	U	2.58	U
120-83-2	2,4-Dichlorophenol	5	0.515	U	2.58	U
105-67-9	2,4-Dimethylphenol	50	0.515	U	2.58	U
51-28-5	2,4-Dinitrophenol	10	1.03	U	5.15	U
121-14-2	2,4-Dinitrotoluene	5	0.515	U	2.58	U
606-20-2	2,6-Dinitrotoluene	5	0.515	U	2.58	U
91-58-7	2-Chloronaphthalene	10	0.515	U	2.58	U
95-57-8	2-Chlorophenol	NA	0.515	U	2.58	U
91-57-6	2-Methylnaphthylene	NA	**54.9**		**62.0**	D
95-48-7	2-Methylphenol	NA	0.515	U	2.58	U
88-74-4	2-Nitroaniline	5	0.515	U	2.58	U
88-75-5	2-Nitrophenol	NA	0.515	U	2.58	U
106-44-5	3 & 4-Methylphenol	NA	0.515	U	2.58	U
91-94-1	3,3'-Dichlorobenzidine	NA	0.515	U	2.58	U
99-09-2	3-Nitroaniline	5	0.515	U	2.58	U
534-52-1	4,6-Dinitro-2-methylphenol	NA	0.515	U	2.58	U
101-55-3	4-Bromophenyl-phenylether	NA	0.515	U	2.58	U
59-50-7	4-Chloro-3-methylphenol	NA	0.515	U	2.58	U
106-47-8	4-Chloroaniline	5	0.515	U	2.58	U
7005-72-3	4-Chlorophenyl-phenylether	NA	0.515	U	2.58	U
100-01-6	4-Nitroaniline	5	0.515	U	2.58	U
100-02-7	4-Nitrophenol	NA	0.515	U	2.58	U
83-32-9	Acenaphthene	20	0.515	U	2.58	U
208-96-8	Acenaphthylene	NA	0.515	U	2.58	U
120-12-7	Anthracene	50	0.515	U	2.58	U
56-55-3	Benzo[a]anthracene	0.002	0.103	U	0.515	U
50-32-8	Benzo[a]pyrene	NA	0.103	U	0.515	U
205-99-2	Benzo[b]fluoranthene	0.002	0.206	U	1.03	U
191-24-2	Benzo[ghi]perylene	NA	0.103	U	0.515	U
207-08-9	Benzo[k]fluoranthene	0.002	0.515	U	2.58	U
65-85-0	Benzoic acid	NA	2.06	U	10.3	U
100-51-6	Benzyl alcohol	NA	0.515	U	2.58	U
111-91-1	bis(2-chloroethoxy)methane	5	0.515	U	2.58	U
111-44-4	bis(2-chloroethyl)ether	1	0.515	U	2.58	U
39638-32-9	bis(2-chloroisopropyl)ether	NA	0.515	U	2.58	U
117-81-7	bis(2-ethylhexyl)phthalate	5	**0.629**	JB	2.58	U
85-68-7	Butylbenzylphthalate	NA	0.515	U	2.58	U
218-01-9	Chrysene	0.002	0.103	U	0.515	U
84-74-2	Di-n-butyl phthalate	NA	0.515	U	2.58	U
117-84-0	Di-n-octyl phthalate	50	0.515	U	2.58	U
53-70-3	Dibenzo(a,h)anthracene	NA	0.206	U	1.03	U
132-64-9	Dibenzofuran	NA	0.515	U	2.58	U
84-66-2	Diethyl phthalate	NA	0.515	U	2.58	U
131-11-3	Dimethylphthalate	NA	0.515	U	2.58	U
206-44-0	Fluoranthene	50	0.515	U	2.58	U
86-73-7	Fluorene	50	0.515	U	2.58	U

Table 35
Pre-Construction Groundwater Sample Results Summary
August 20, 2015 (TMW-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501458			Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC			1501458-01		1501458-01RE1	
Client: BRINKERHOFF		NYSDEC	TMW-1		TMW-1	
CAS#	Compound	GWQS	08/20/15		08/20/15	
118-74-1	Hexachlorobenzene	0.04	0.515	U	2.58	U
87-68-3	Hexachlorobutadiene	0.5	0.515	U	2.58	U
77-47-4	Hexachlorocyclopentadiene	5	0.515	U	2.58	U
67-72-1	Hexachloroethane	5	0.515	U	2.58	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.002	0.515	U	2.58	U
78-59-1	Isophorone	50	0.515	U	2.58	U
621-64-7	N-Nitroso-di-n-propylamine	NA	0.515	U	2.58	U
62-75-9	N-Nitrosodimethylamine	NA	0.515	U	2.58	U
86-30-6	N-Nitrosodiphenylamine	50	0.515	U	2.58	U
91-20-3	Naphthalene	10	**99.8**	E	**117**	D
98-95-3	Nitrobenzene	0.4	0.515	U	2.58	U
87-86-5	Pentachlorophenol	1	0.515	U	2.58	U
85-01-8	Phenanthrene	50	**0.572**	J	0.515	U
108-95-2	Phenol	1	0.515	U	2.58	U
129-00-0	Pyrene	50	0.515	U	2.58	U
Volatile Organic Compounds EPA Method SW846 8260 (ug/L)						
630-20-6	1,1,1,2-Tetrachloroethane	5	10.0	U	50.0	U
71-55-6	1,1,1-Trichloroethane	5	10.0	U	50.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5	10.0	U	50.0	U
79-00-5	1,1,2-Trichloroethane	1	10.0	U	50.0	U
75-34-3	1,1-Dichloroethane	5	8.00	U	40.0	U
75-35-4	1,1-Dichloroethene	5	8.00	U	40.0	U
563-58-6	1,1-Dichloropropene	NA	10.0	U	50.0	U
87-61-6	1,2,3-Trichlorobenzene	5	10.0	U	50.0	U
96-18-4	1,2,3-Trichloropropane	0.04	10.0	U	50.0	U
120-82-1	1,2,4-Trichlorobenzene	5	10.0	U	50.0	U
95-63-6	1,2,4-Trimethylbenzene	5	**3280**	DE	**2850**	D
96-12-8	1,2-Dibromo-3-chloropropane	0.04	10.0	U	50.0	U
106-93-4	1,2-Dibromoethane	NA	10.0	U	50.0	U
95-50-1	1,2-Dichlorobenzene	NA	10.0	U	50.0	U
107-06-2	1,2-Dichloroethane	0.6	10.0	U	50.0	U
78-87-5	1,2-Dichloropropane	1	10.0	U	50.0	U
108-67-8	1,3,5-Trimethylbenzene	5	**998**	D	**787**	D
541-73-1	1,3-Dichlorobenzene	3	10.0	U	50.0	U
142-28-9	1,3-Dichloropropane	5	10.0	U	50.0	U
106-46-7	1,4-Dichlorobenzene	3	10.0	U	50.0	U
590-20-7	2,2-Dichloropropane	NA	8.00	U	40.0	U
78-93-3	2-Butanone	50	10.0	U	50.0	U
110-75-8	2-Chloroethyl vinyl ether	NA	10.0	U	50.0	U
95-49-8	2-Chlorotoluene	5	10.0	U	50.0	U
591-78-6	2-Hexanone	50	10.0	U	50.0	U
106-43-4	4-Chlorotoluene	5	10.0	U	50.0	U
108-10-1	4-Methyl-2-pentanone	NA	10.0	U	50.0	U
67-64-1	Acetone	50	**59.8**	D	100	U
107-02-8	Acrolein	5	120	U	600	U
107-13-1	Acrylonitrile	5	40.0	U	200	U
71-43-2	Benzene	1	10.0	U	50.0	U
108-86-1	Bromobenzene	5	10.0	U	50.0	U
74-97-5	Bromochloromethane	5	10.0	U	50.0	U
75-27-4	Bromodichloromethane	50	10.0	U	50.0	U
75-25-2	Bromoform	50	10.0	U	50.0	U
74-83-9	Bromomethane	5	20.0	U	100	U

Table 35
Pre-Construction Groundwater Sample Results Summary
August 20, 2015 (TMW-1)
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1501458			**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC			**1501458-01**		**1501458-01RE1**	
Client: BRINKERHOFF		**NYSDEC**	**TMW-1**		**TMW-1**	
CAS#	**Compound**	**GWQS**	**08/20/15**		**08/20/15**	
75-15-0	Carbon disulfide	NA	8.00	U	40.0	U
56-23-5	Carbon Tetrachloride	5	10.0	U	50.0	U
108-90-7	Chlorobenzene	5	10.0	U	50.0	U
75-00-3	Chloroethane	5	20.0	U	100	U
67-66-3	Chloroform	7	10.0	U	50.0	U
74-87-3	Chloromethane	NA	20.0	U	100	U
156-59-4	cis-1,2-Dichloroethene	5	10.0	U	50.0	U
10061-01-5	cis-1,3-Dichloropropene	NA	10.0	U	50.0	U
124-48-1	Dibromochloromethane	50	10.0	U	50.0	U
74-95-3	Dibromomethane	5	10.0	U	50.0	U
75-71-8	Dichlorodifluoromethane	5	20.0	U	100	U
100-41-4	Ethylbenzene	5	**1180**	D	**1200**	D
87-68-3	Hexachlorobutadiene	0.5	10.0	U	50.0	U
98-82-8	Isopropylbenzene	5	**296**	D	**245**	D
108-38-3/106-	m,p-Xylenes	NA	**3560**	D	**3650**	D
75-09-2	Methylene Chloride	5	**29.2**	BD	40.0	U
104-51-8	n-Butyl Benzene	5	**259**	D	50.0	U
103-65-1	n-Propyl Benzene	5	**845**	D	**676**	D
95-47-6	o-Xylene	NA	**1200**	D	**1180**	D
99-87-6	p-Isopropyltoluene	NA	**41.2**	D	50.0	U
135-98-8	sec-Butylbenzene	5	**88.8**	D	50.0	U
100-42-5	Styrene	NA	20.0	U	100	U
98-06-6	tert-Butylbenzene	5	10.0	U	50.0	U
127-18-4	Tetrachloroethene	5	10.0	U	50.0	U
108-88-3	Toluene	5	**24.2**	D	50.0	U
156-60-5	trans-1,2-Dichloroethene	5	8.00	U	40.0	U
10061-02-6	trans-1,3-Dichloropropene	0.4	10.0	U	50.0	U
79-01-6	Trichloroethene	5	10.0	U	50.0	U
75-69-4	Trichlorofluoromethane	5	20.0	U	100	U
108-05-4	Vinyl acetate	NA	8.00	U	40.0	U
75-01-4	Vinyl chloride	2	20.0	U	100	U

General Notes:
NYSDEC GWQS = TOGS 1.1.1 New York State Ambient Grounwater Quality Guidance Values Table 1, 1998
Red = exceeds NYSDEC GWQS
NA = no appicable standard
Bold = detected compounds
ug/L = microgram per liter

Qualifiers:
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected

Table 36
Pre and Post-Injection Groundwater Sample Results Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601998			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC			1601998-01		1602078-01		1601998-02		1601998-03		1602078-02	
Client: BRINKERHOFF		NYSDEC	SMW-1		SMW-1		TMW-2		Trip Blank		Trip Blank	
CAS#	Compound	GWQS	10/18/16		11/02/16		10/18/16		10/18/16		11/02/16	
Volatile Organic Compounds EPA Method SW846 8260 (ug/L)												
630-20-6	1,1,1,2-Tetrachloroethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
71-55-6	1,1,1-Trichloroethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
75-34-3	1,1-Dichloroethane	5	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U
75-35-4	1,1-Dichloroethene	5	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U
563-58-6	1,1-Dichloropropene	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
87-61-6	1,2,3-Trichlorobenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
96-18-4	1,2,3-Trichloropropane	0.04	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
120-82-1	1,2,4-Trichlorobenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
95-63-6	1,2,4-Trimethylbenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.04	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
106-93-4	1,2-Dibromoethane	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
95-50-1	1,2-Dichlorobenzene	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
107-06-2	1,2-Dichloroethane	0.6	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
108-67-8	1,3,5-Trimethylbenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
541-73-1	1,3-Dichlorobenzene	3	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
142-28-9	1,3-Dichloropropane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
106-46-7	1,4-Dichlorobenzene	3	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
590-20-7	2,2-Dichloropropane	NA	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U
78-93-3	2-Butanone	50	0.500	U	0.500	U	**0.650**	J	0.500	U	0.500	U
110-75-8	2-Chloroethyl vinyl ether	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
95-49-8	2-Chlorotoluene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
591-78-6	2-Hexanone	50	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
106-43-4	4-Chlorotoluene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
108-10-1	4-Methyl-2-pentanone	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
67-64-1	Acetone	50	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
107-02-8	Acrolein	5	6.00	U	6.00	U	6.00	U	6.00	U	6.00	U
107-13-1	Acrylonitrile	5	2.00	U	2.00	U	2.00	U	2.00	U	2.00	U
71-43-2	Benzene	1	0.500	U	0.500	U	**0.690**	J	0.500	U	0.500	U
108-86-1	Bromobenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
74-97-5	Bromochloromethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
75-27-4	Bromodichloromethane	50	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
75-25-2	Bromoform	50	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
74-83-9	Bromomethane	5	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
75-15-0	Carbon disulfide	NA	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U
56-23-5	Carbon Tetrachloride	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
108-90-7	Chlorobenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
75-00-3	Chloroethane	5	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
67-66-3	Chloroform	7	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
74-87-3	Chloromethane	NA	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
156-59-4	cis-1,2-Dichloroethene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
10061-01-5	cis-1,3-Dichloropropene	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
124-48-1	Dibromochloromethane	50	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
74-95-3	Dibromomethane	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
75-71-8	Dichlorodifluoromethane	5	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
100-41-4	Ethylbenzene	5	**0.500**	J	0.500	U	0.500	U	0.500	U	0.500	U
87-68-3	Hexachlorobutadiene	0.5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
98-82-8	Isopropylbenzene	5	**2.98**		**1.66**		**0.560**	J	0.500	U	0.500	U
108-38-3/106-	m,p-Xylenes	NA	**1.03**	J	1.00	U	1.00	U	1.00	U	1.00	U
75-09-2	Methylene Chloride	5	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U

Table 36
Pre and Post-Injection Groundwater Sample Results Summary
255 East 138th Street, Bronx, New York
Brinkerhoff Project No. 10BR188

Work Order 1601998			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Lab: Accredited Analytical Resources LLC			**1601998-01**		**1602078-01**		**1601998-02**		**1601998-03**		**1602078-02**	
Client: BRINKERHOFF		**NYSDEC**	**SMW-1**		**SMW-1**		**TMW-2**		**Trip Blank**		**Trip Blank**	
CAS#	**Compound**	**GWQS**	**10/18/16**		**11/02/16**		**10/18/16**		**10/18/16**		**11/02/16**	
Volatile Organic Compounds EPA Method SW846 8260 (ug/L)												
104-51-8	n-Butyl Benzene	5	**0.990**	J	0.500	U	0.500	U	0.500	U	0.500	U
103-65-1	n-Propyl Benzene	5	5.57		**1.76**		**0.870**	J	0.500	U	0.500	U
91-20-3	Naphthalene	10	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
95-47-6	o-Xylene	NA	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
99-87-6	p-Isopropyltoluene	NA	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
135-98-8	sec-Butylbenzene	5	**0.680**	J	**0.600**	J	0.500	U	0.500	U	0.500	U
100-42-5	Styrene	NA	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
98-06-6	tert-Butylbenzene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
127-18-4	Tetrachloroethene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
108-88-3	Toluene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
156-60-5	trans-1,2-Dichloroethene	5	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U
10061-02-6	trans-1,3-Dichloropropene	0.4	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
79-01-6	Trichloroethene	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
75-69-4	Trichlorofluoromethane	5	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U
108-05-4	Vinyl acetate	NA	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U
75-01-4	Vinyl chloride	2	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U

General Notes:
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Bold = detected compounds
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Qualifiers:
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